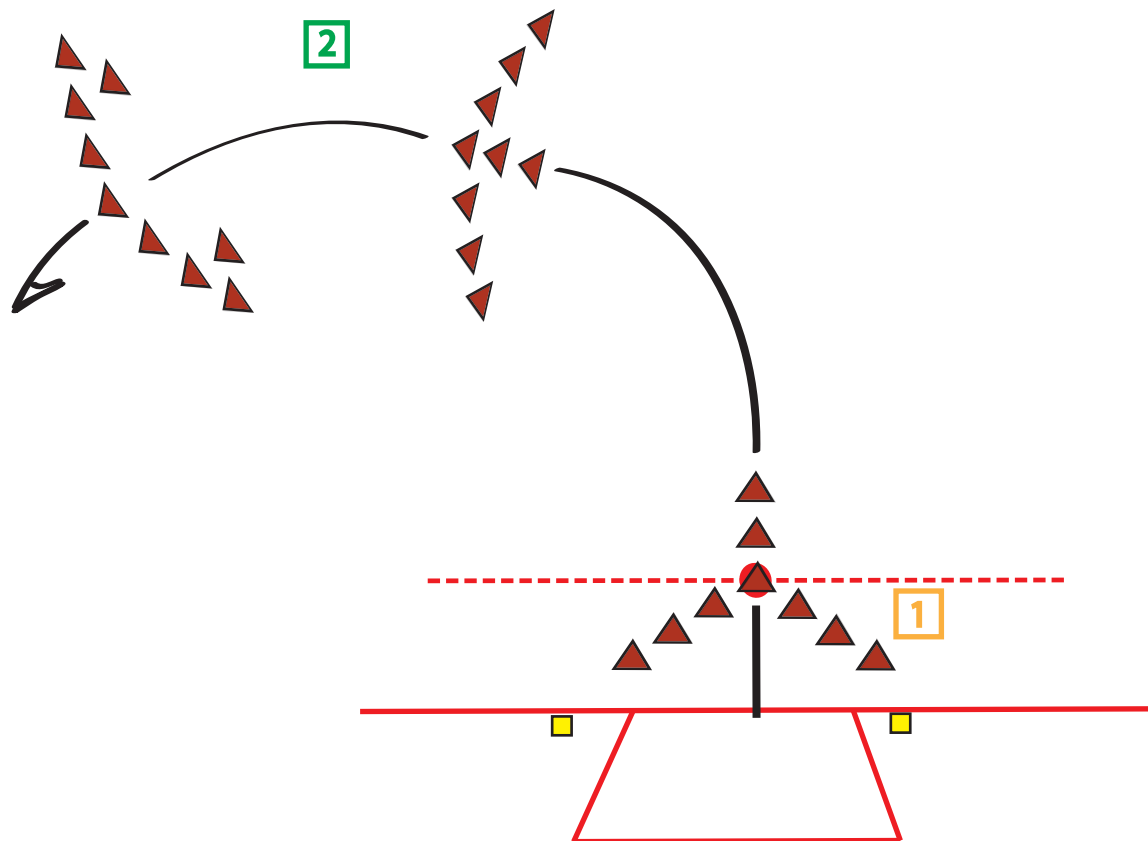




# **431 (AD) SQN 2016 LOW SHOW 1.1**

The following is a pictorial description of the 2016 Low Show.

# Canada Goose Change Arrowhead Change Maple

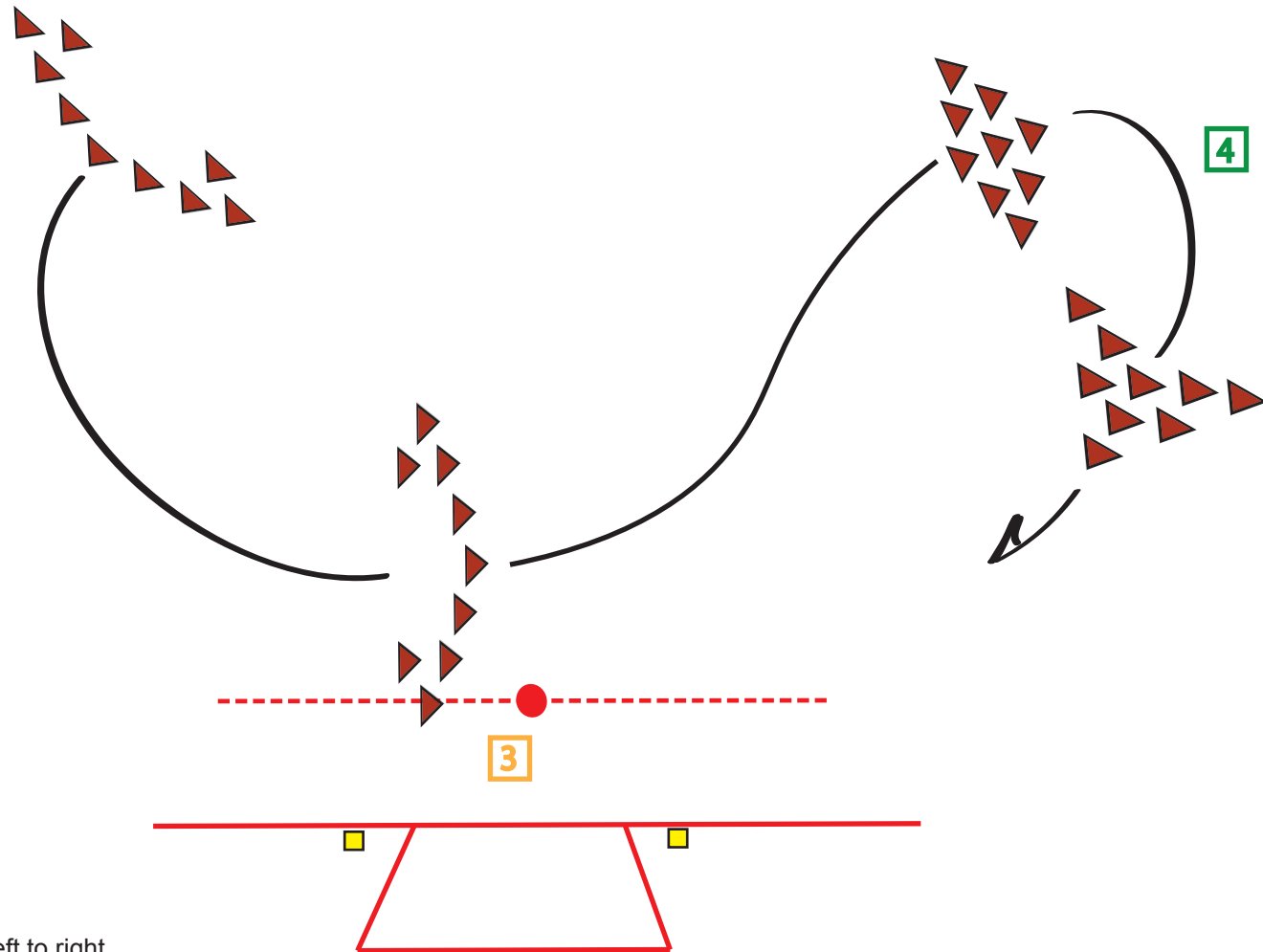


**1** The formation approaches from deadside overhead the crowd in Canada Goose formation. 44.b.(3)(e)


**2** The formation commences a left hand repositioning turn and changes through Arrowhead to Maple.

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

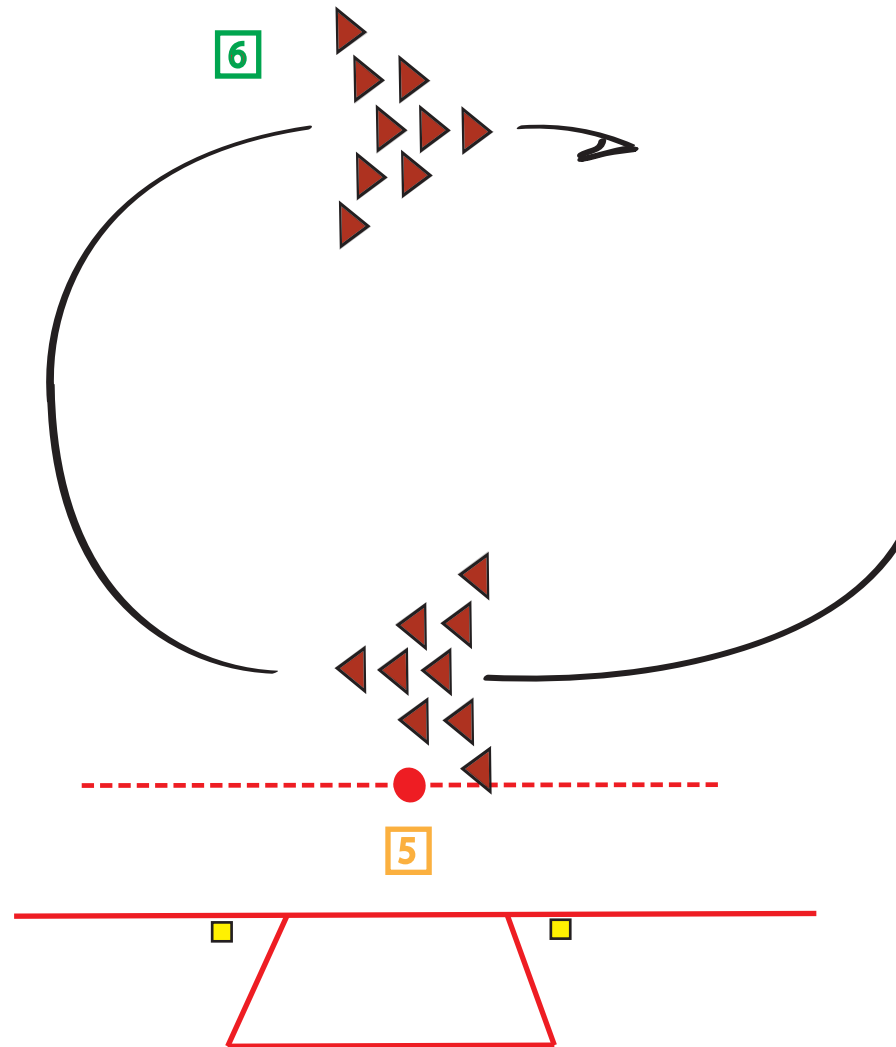
# Maple Bottomside



- 3** The formation executes a left to right Maple Bottomside Pass. 44.c.(1)(c)
- 4** The formation repositions via a climbing right turn and changes to Big Diamond then to Swept Delta.


 Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Swept Delta Bottomside and Wrap

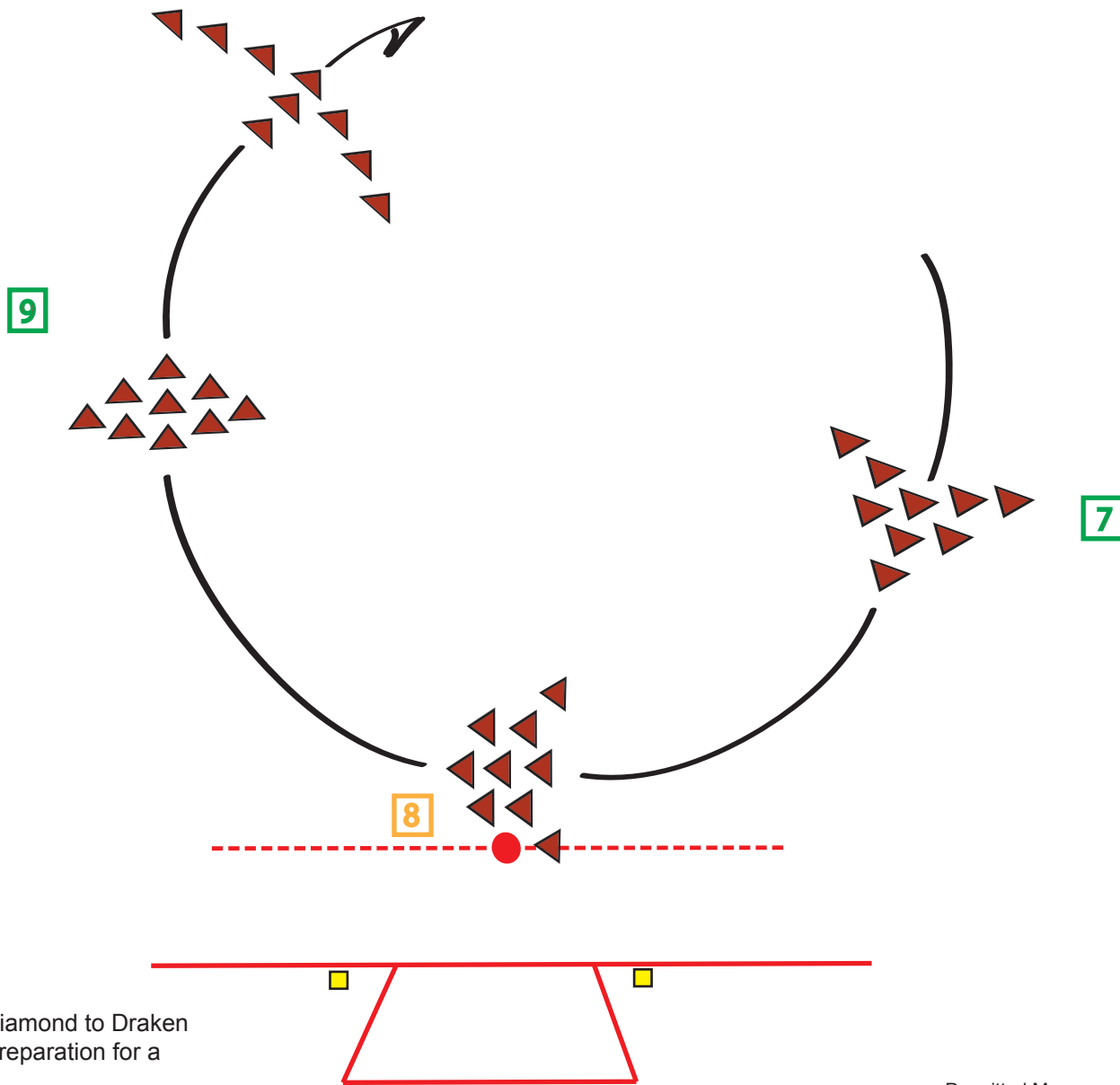


**5** The formation executes a right to left Swept Delta Bottomside Pass. 44.c.(1)(c)

**6** The formation continues a 360 right hand turn towards liveside stage right.

 Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Draken Bottomside



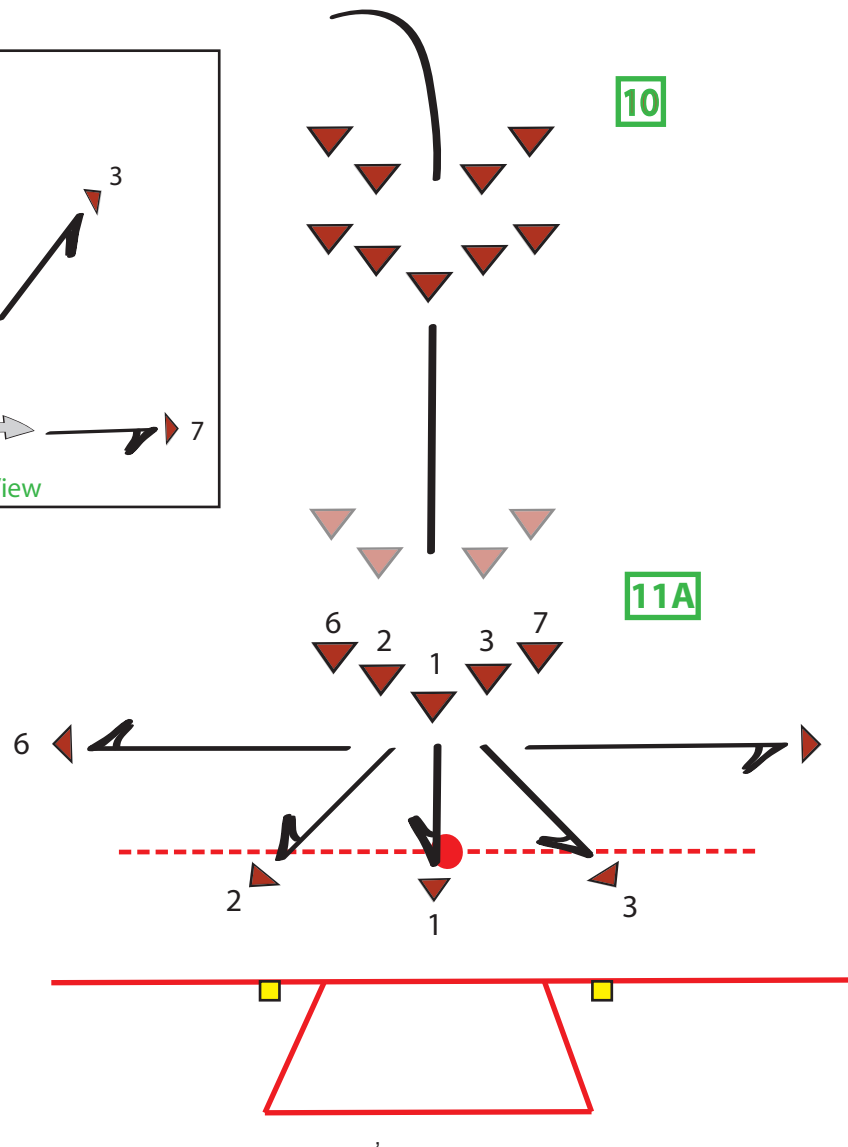
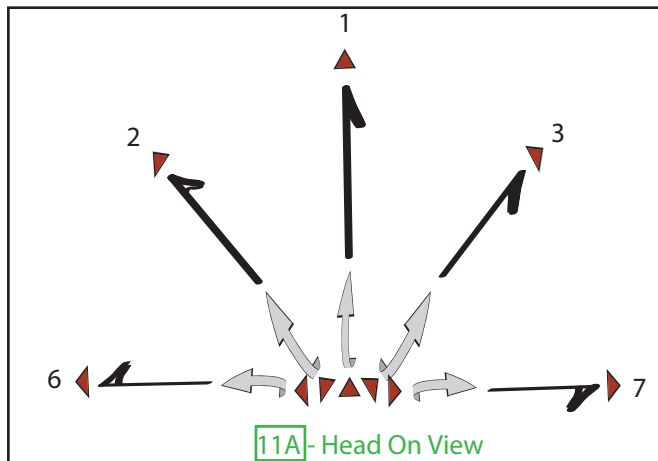
**7** A hidden change from Big Diamond to Draken is completed stage right in preparation for a Bottomside Pass.

**8** The formation executes a right to left Draken Bottomside Pass. 44.c.(1)(c)

**9** The formation repositions via a climbing right turn and a change to Big Diamond is called, followed by a change to Arrowhead.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

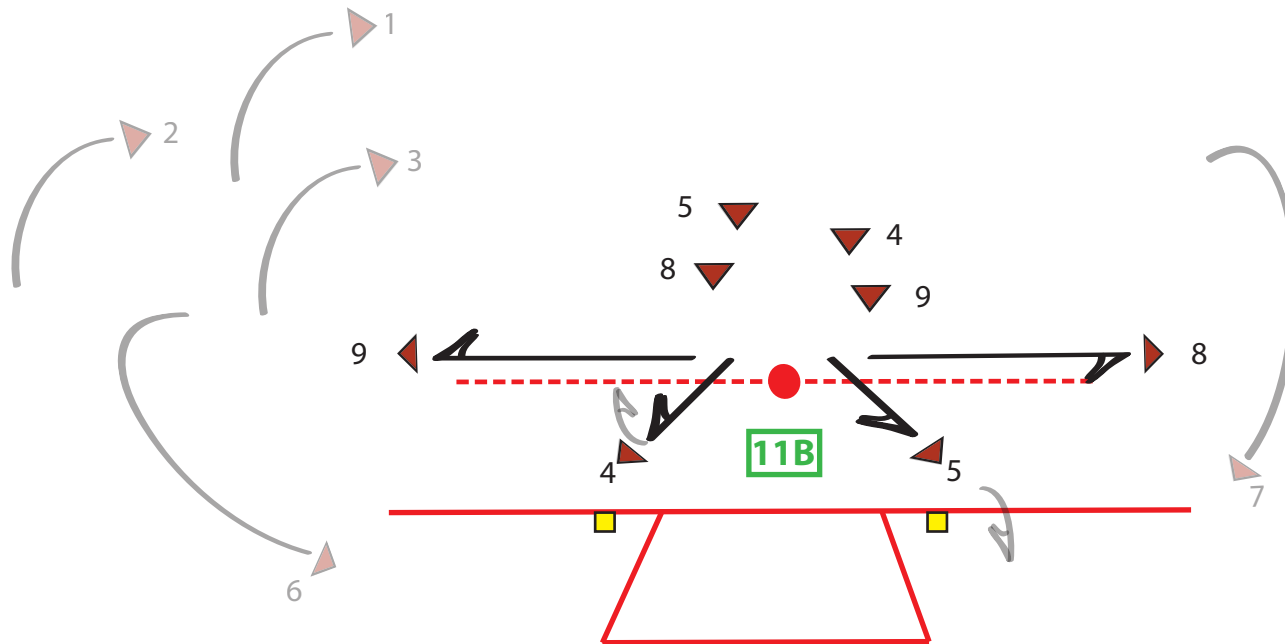
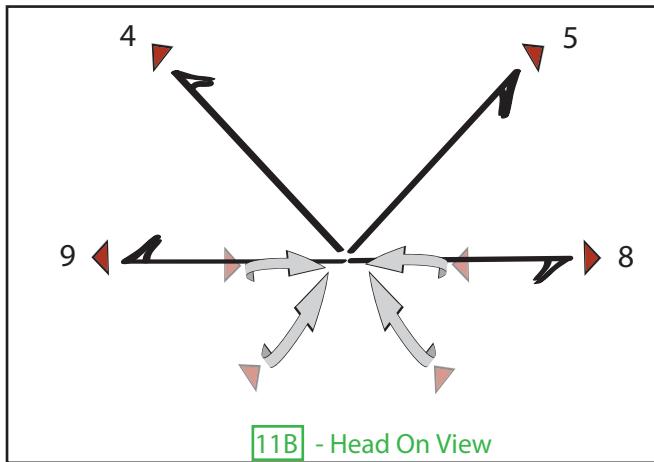
# Commonwealth Split



**10** The formation continues the right turn and changes into two elements in preparation for the Commonwealth Split.

**11A** Prior to the 1500' show line the first element is split via an outward burst as depicted. This is the same split as the 2011 "Hero", 2012 "1812" and 2013 "Platinum" Splits, renamed as the "Commonwealth Split" to coincide with the 2016 season theme.

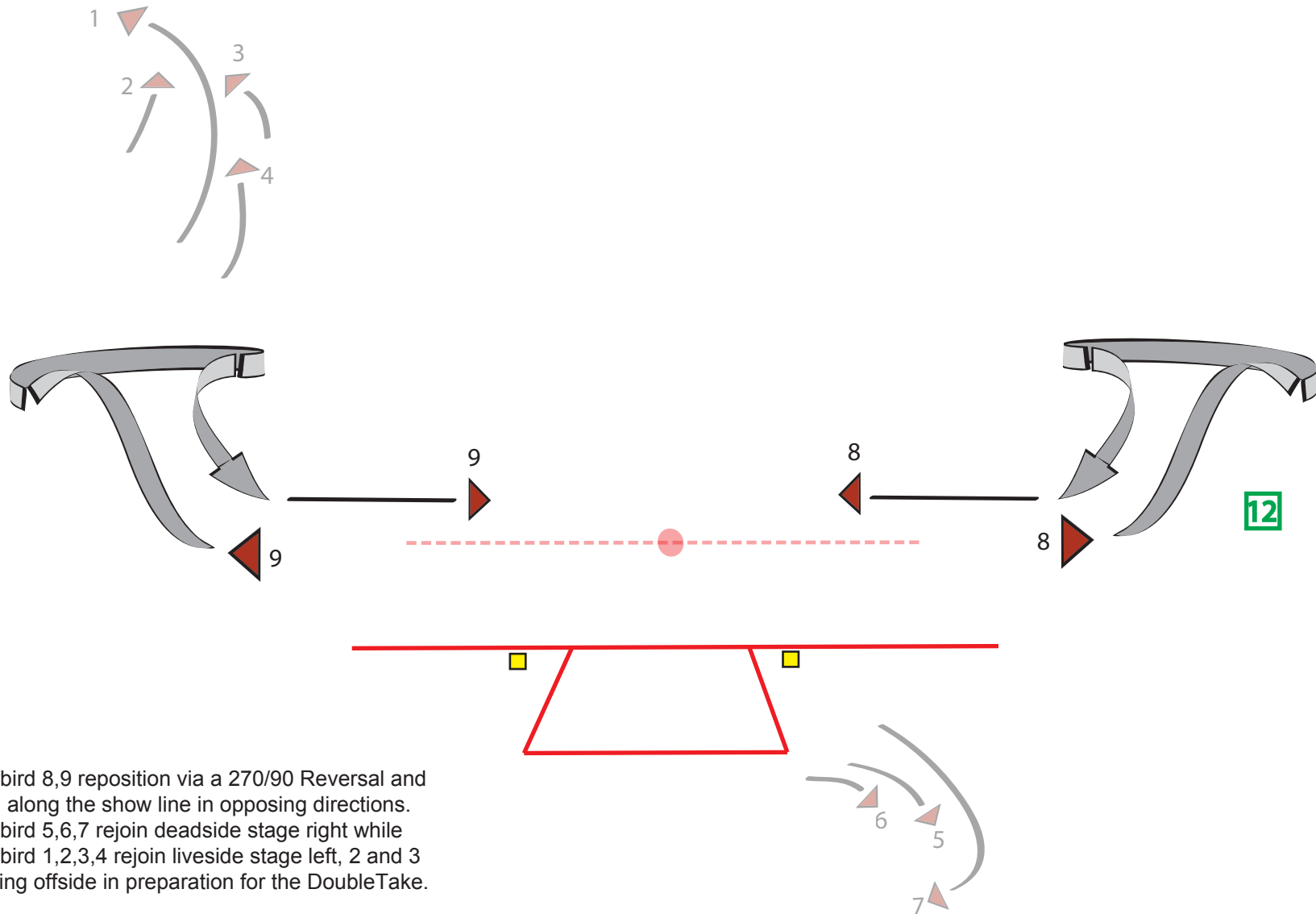
# Commonwealth Split



**11B**

Prior to the 1500' show line the second element is split via an inward burst as depicted.

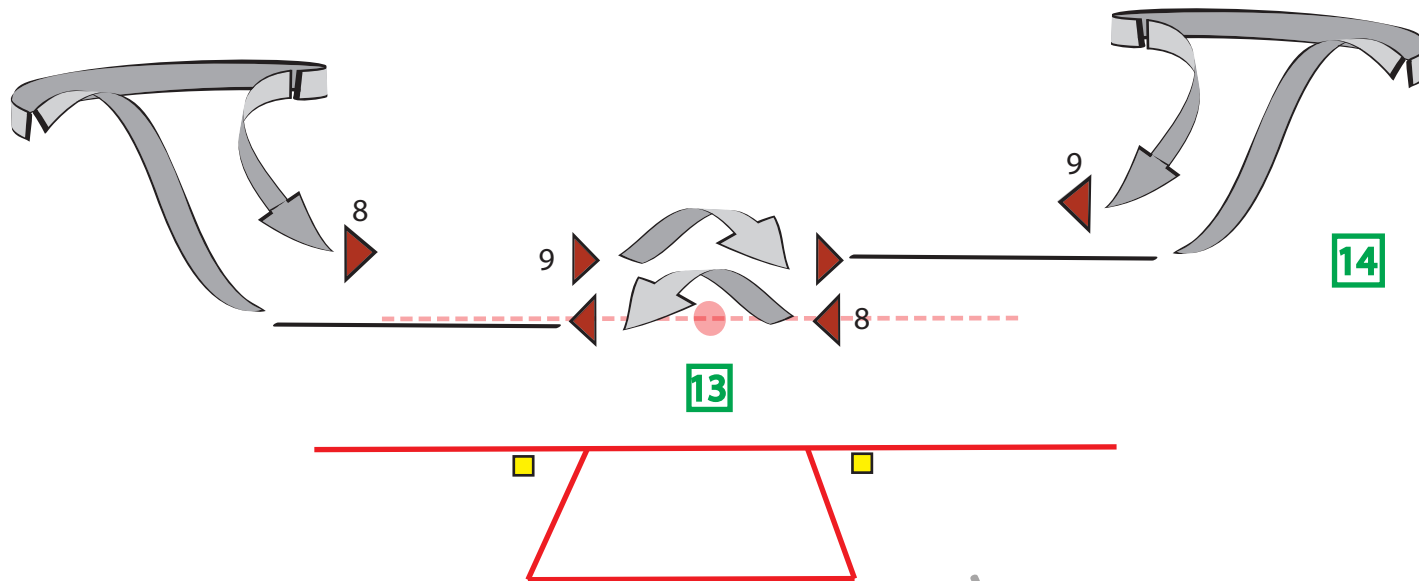
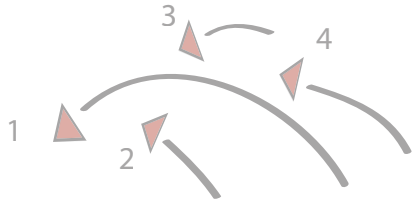
# 270/90 Reversal



12 Snowbird 8,9 reposition via a 270/90 Reversal and run-in along the show line in opposing directions. Snowbird 5,6,7 rejoin deadside stage right while Snowbird 1,2,3,4 rejoin liveside stage left, 2 and 3 rejoining offside in preparation for the DoubleTake.



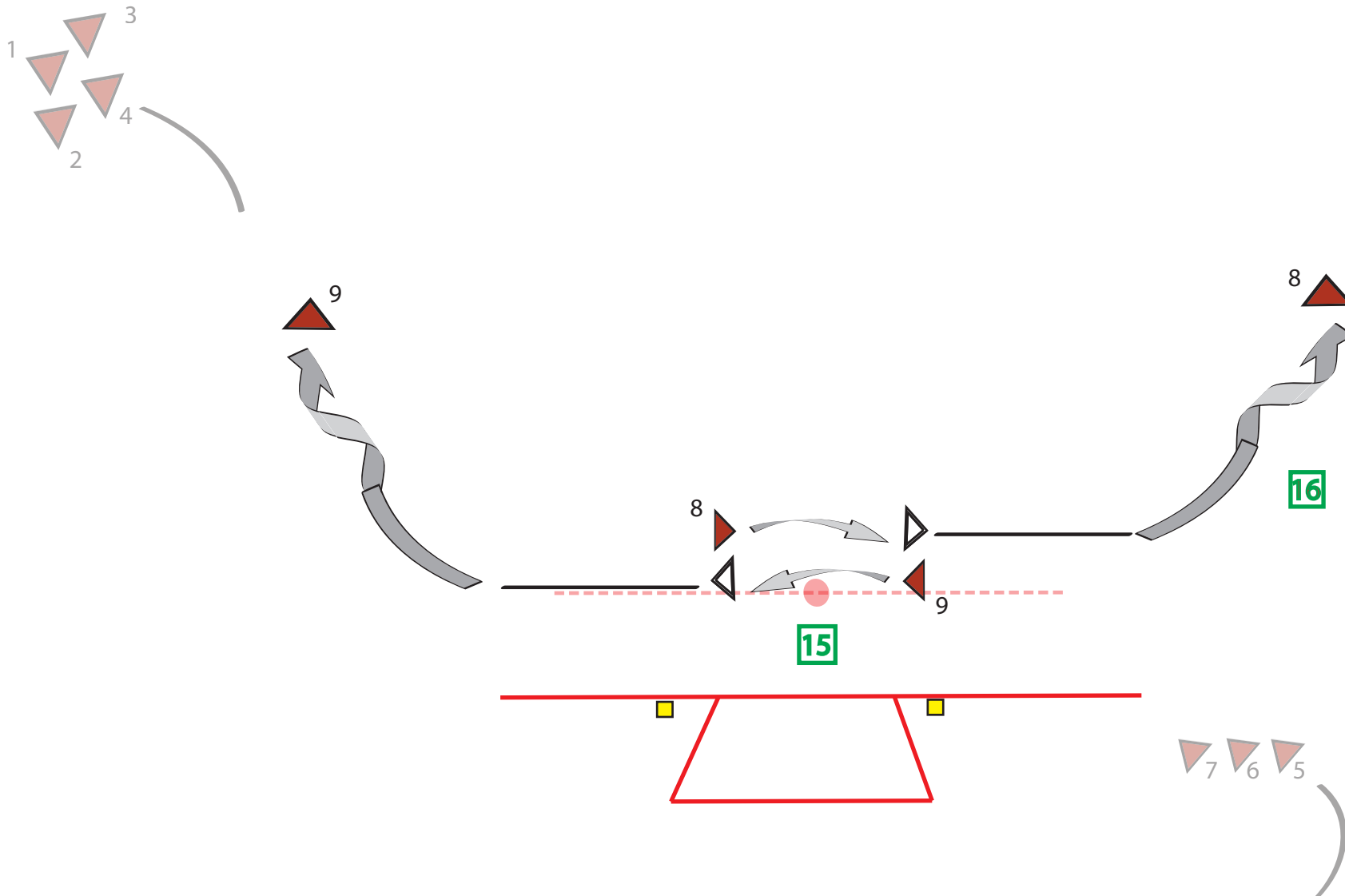
# Level Roll - 270/90 Reversal



**13** Snowbird 8,9 run-in along the show line in opposing directions and execute a simultaneous Level Roll.

**14** Snowbird 8,9 reposition via a 270/90 Reversal.

# 1/2 Roll Inverted - Inverted Push



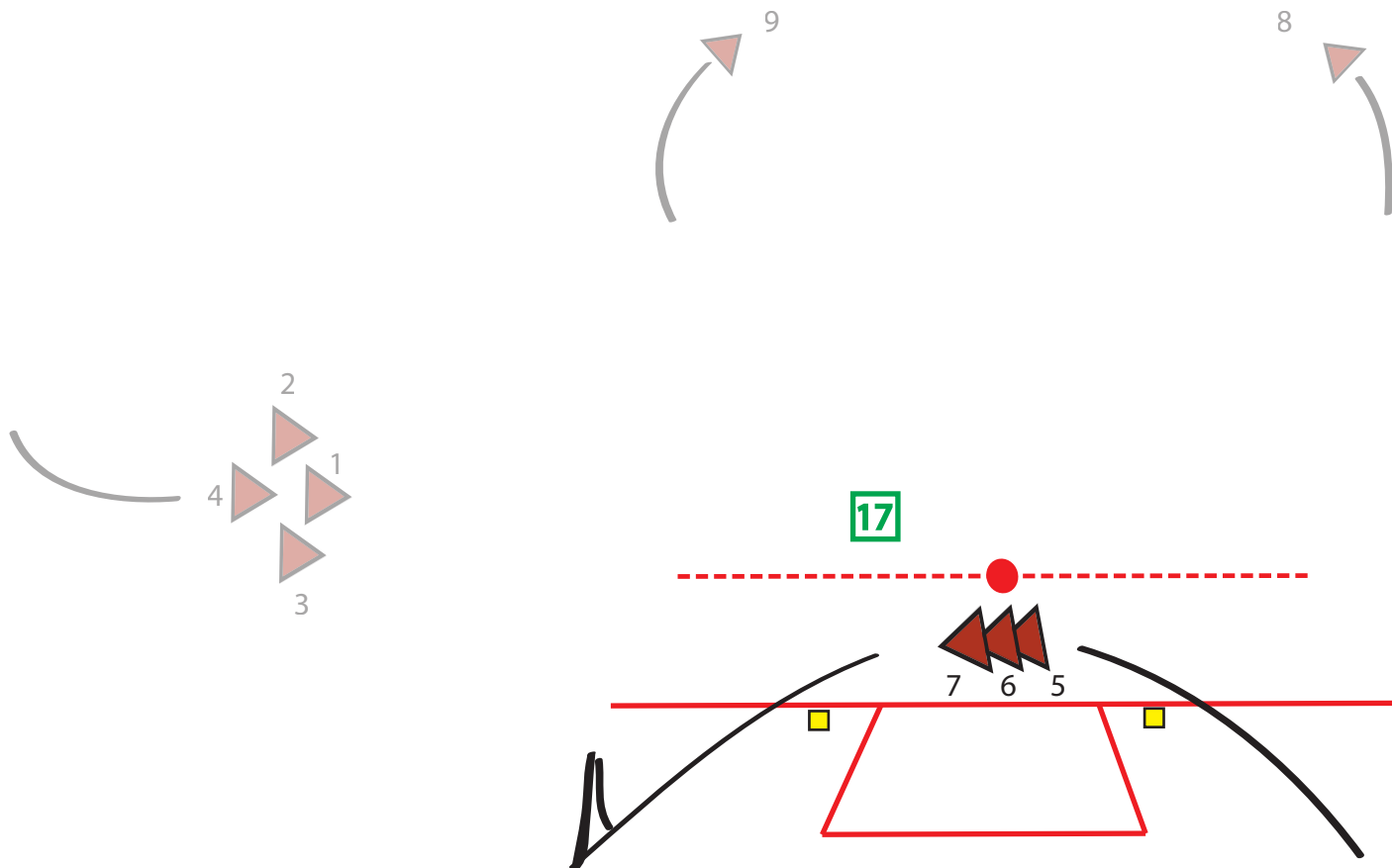
15

Snowbird 8,9 run-in along the show line in opposing directions and execute a simultaneous 1/2 roll to inverted at stage centre.

16

Snowbird 8,9 remain inverted and simultaneously complete an Inverted Push to exit liveside.

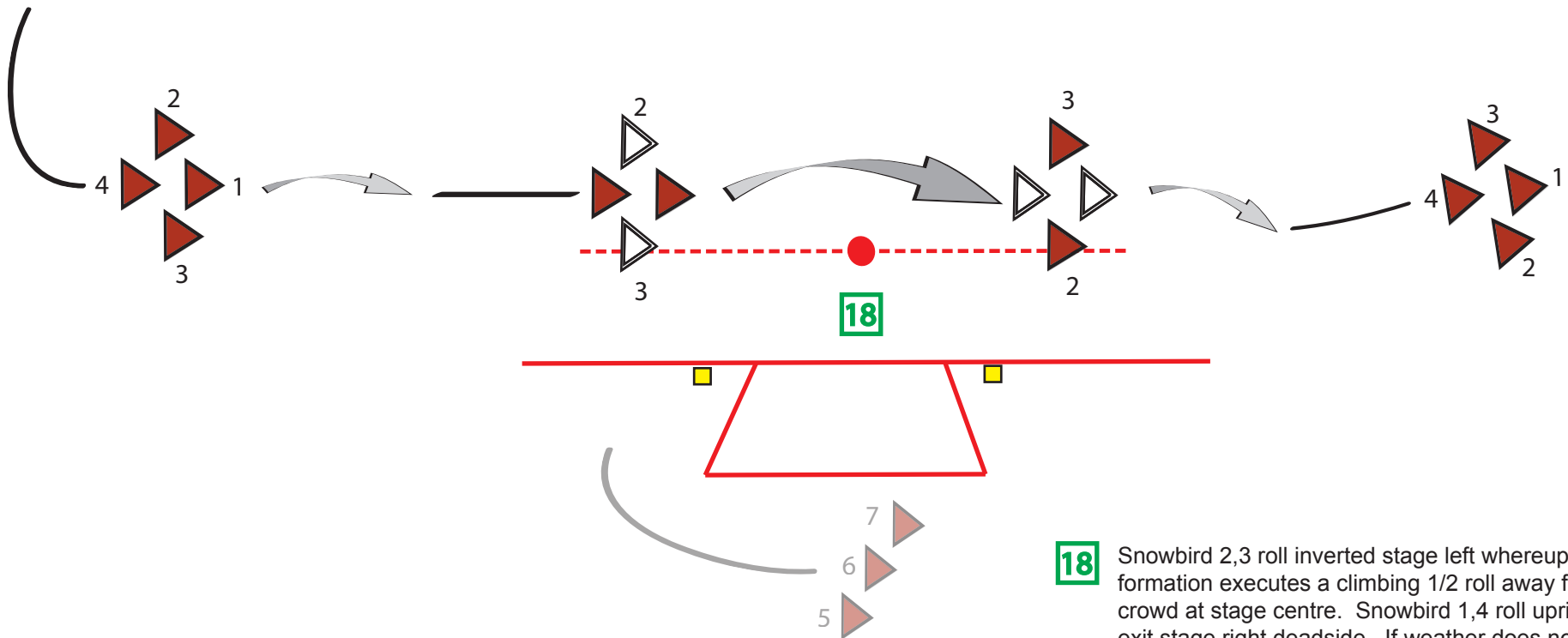
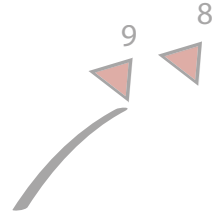
# Echelon in Review



17

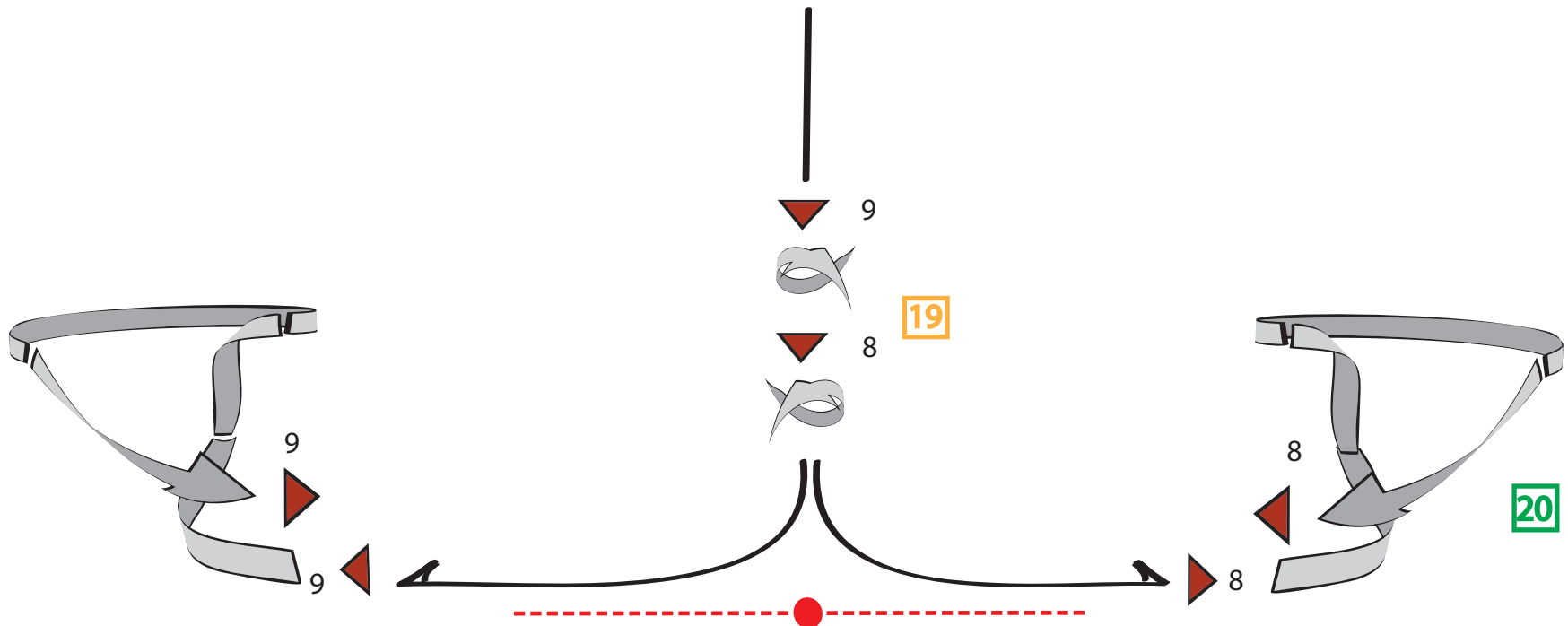
Snowbird 7,6,5 execute a right to left Topside (Banana Pass) no closer than the 500' show line.

# Double Take



**18** Snowbird 2,3 roll inverted stage left whereupon the formation executes a climbing 1/2 roll away from the crowd at stage centre. Snowbird 1,4 roll upright to exit stage right deadside. If weather does not permit the DoubleTake, the 4-ship will complete a level Inverted with Turn Pass, foregoing the 4-ship 1/2 roll.

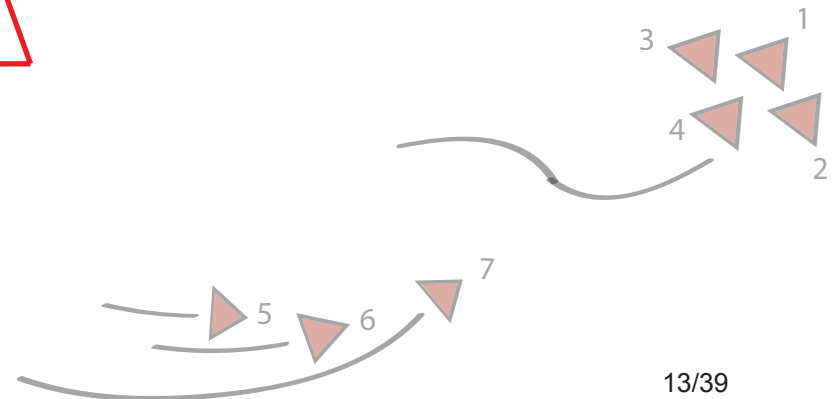
# Twizzle - 90/270 Reversal



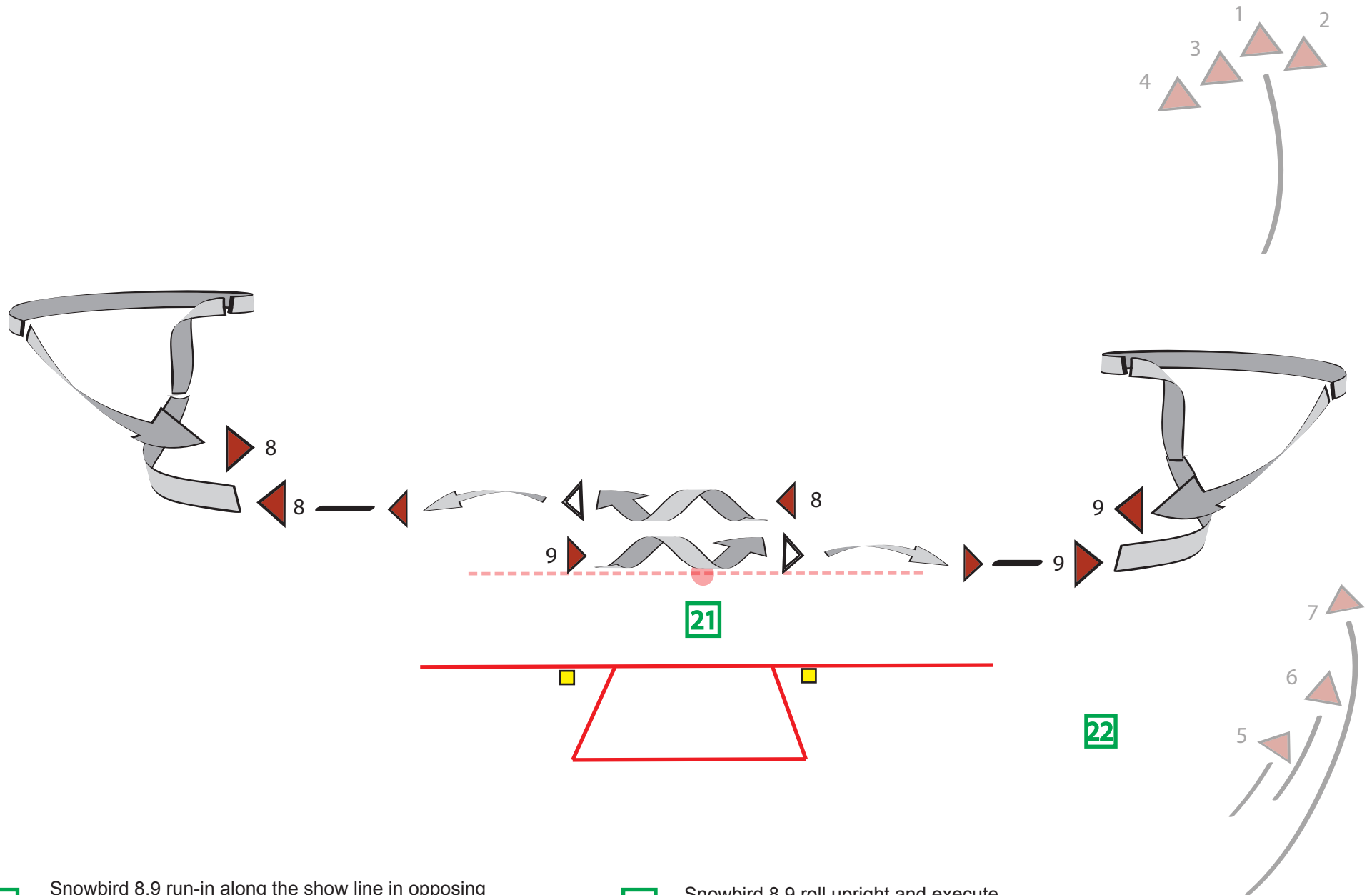
**19** Snowbird 8,9 enter from liveside via the Twizzle Roll onto the line. 44.c.(1)(a)

**20** Snowbird 8,9 reposition via the 90/270 Reversal.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for an aerobatic manoeuvre conducted outside the aerobatic box below an altitude of 1500' AGL. BGA 100 CH 11 Para 44.c.(1)(a)



# 1½ Roll to Inverted - 90/270 Reversal



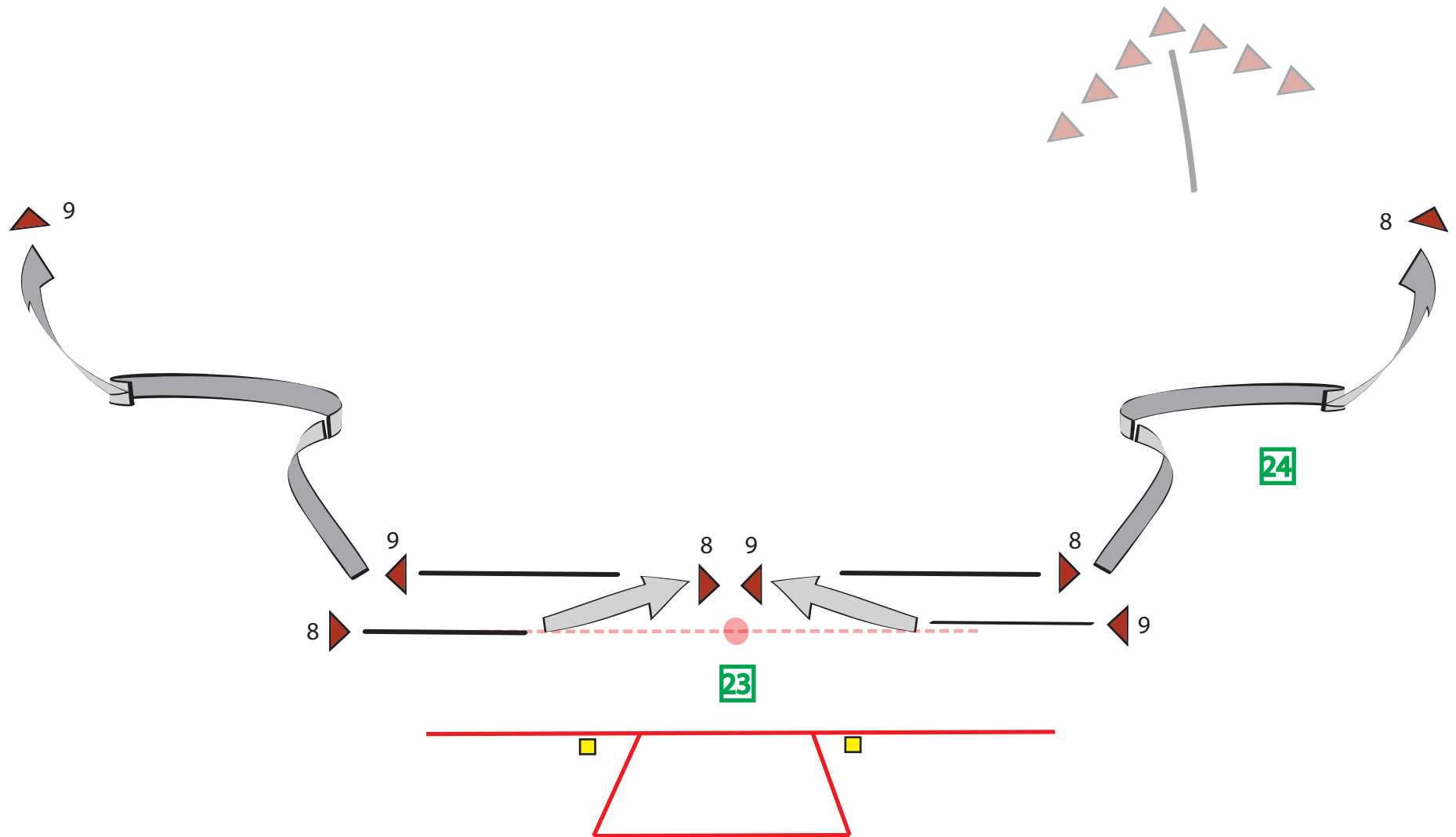
21

Snowbird 8,9 run-in along the show line in opposing directions and execute a simultaneous 1½ roll to inverted at stage centre.

22

Snowbird 8,9 roll upright and execute a 90/270 Reversal.

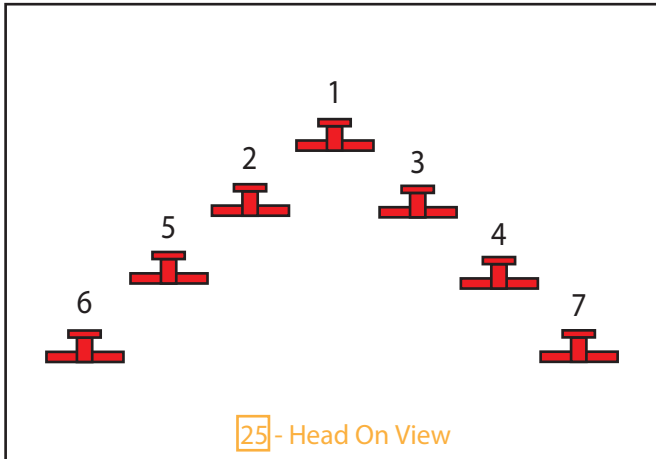
# Knife Edge - CorkScrew Exit



**23** Snowbird 8,9 run-in along the show line in opposing directions and execute a simultaneous Knife Edge Pass.

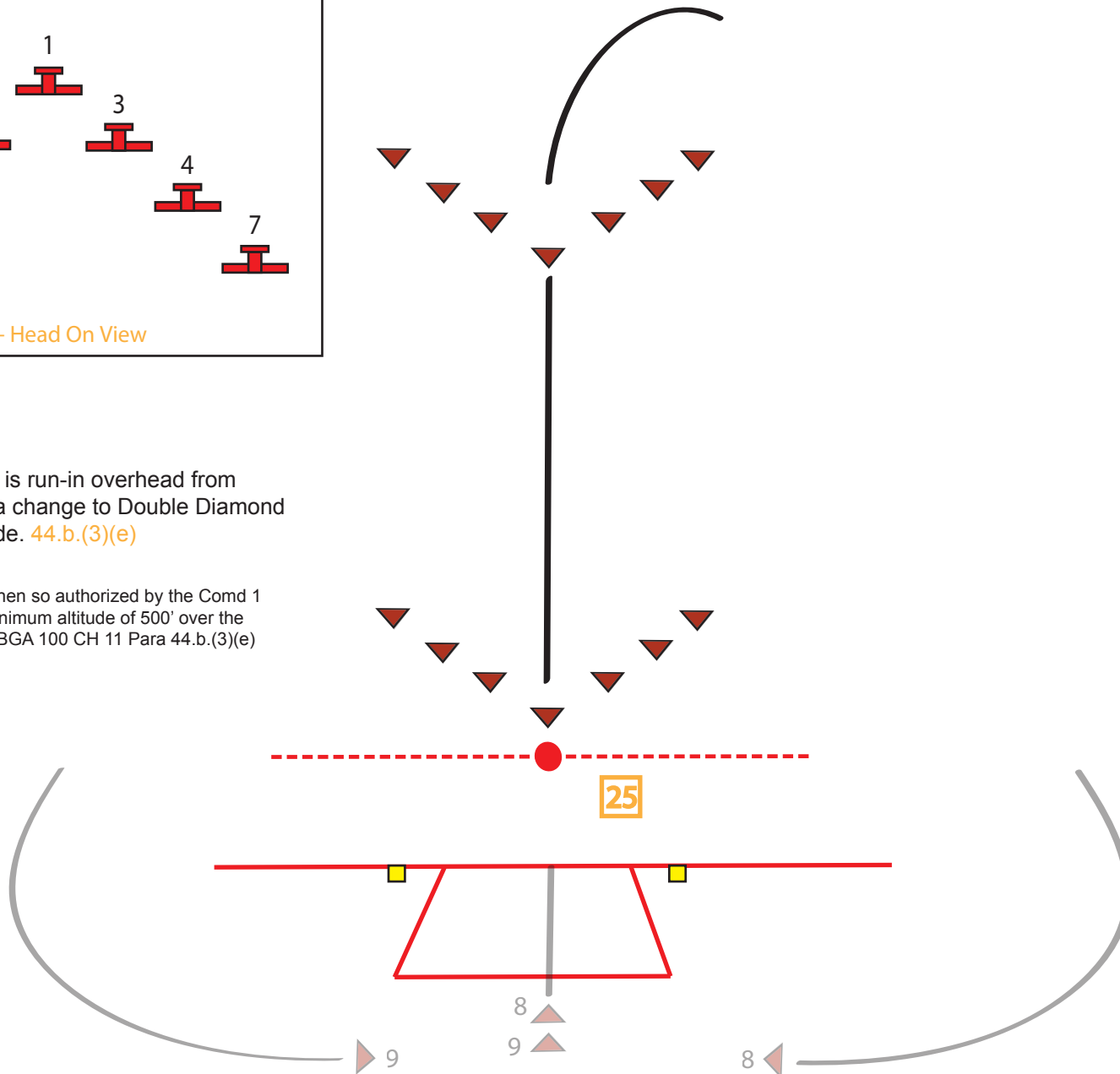
**24** Snowbird 8,9 pull up and exit via a Corkscrew Exit deadside.

# 7 Plane Kilt



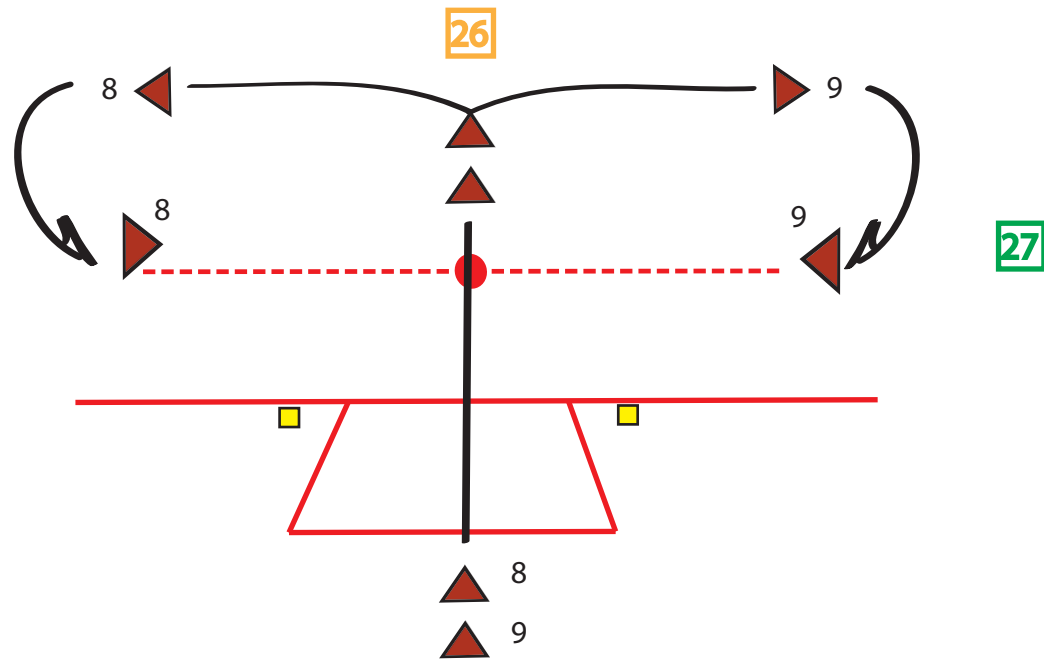
**25** The main formation is run-in overhead from liveside in Kilt with a change to Double Diamond after exiting deadside. 44.b.(3)(e)

**25** Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)





# Fan Split - Turn to the Line

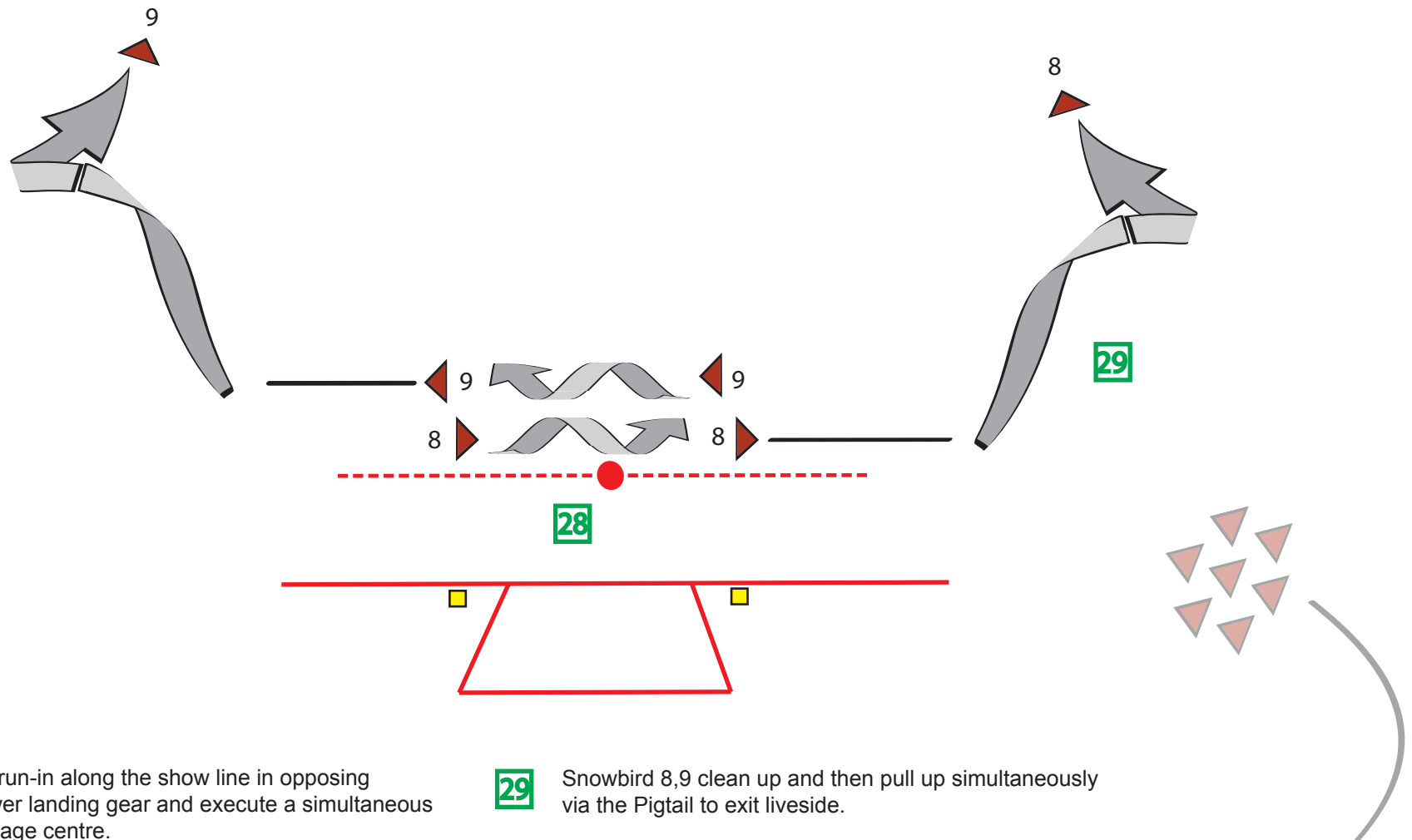


**26** Snowbird 8,9 enter from deadside overhead and execute the Fan Split beyond the 1500' showline. 44.b.(3)(e)

**27** Snowbird 8,9 reposition via a 180 degree level turn back to the line.

**27** Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

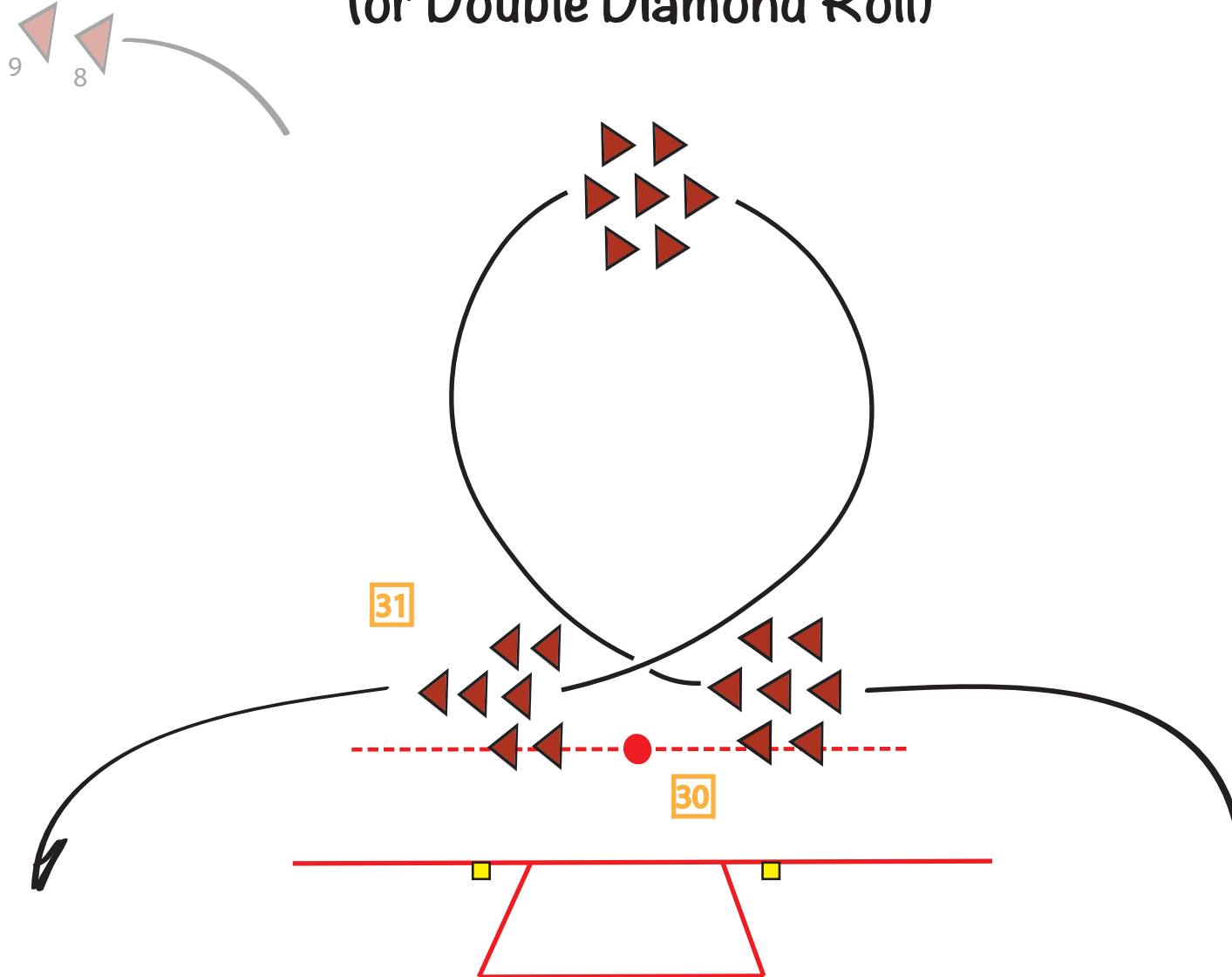
# Dirty Roll - Pigtail Exit



**28** Snowbird 8,9 run-in along the show line in opposing directions, lower landing gear and execute a simultaneous Dirty Roll at stage centre.

**29** Snowbird 8,9 clean up and then pull up simultaneously via the Pigtail to exit liveside.

# Double Diamond Change Feather Wrap (or Double Diamond Roll)



**30**

The main formation enters from deadside stage right for a Double Diamond Bottomside Pass and continues liveside for a 360 degree wrap. A hidden change to Feather is called and completed stage right. 44.c.(1)(c)

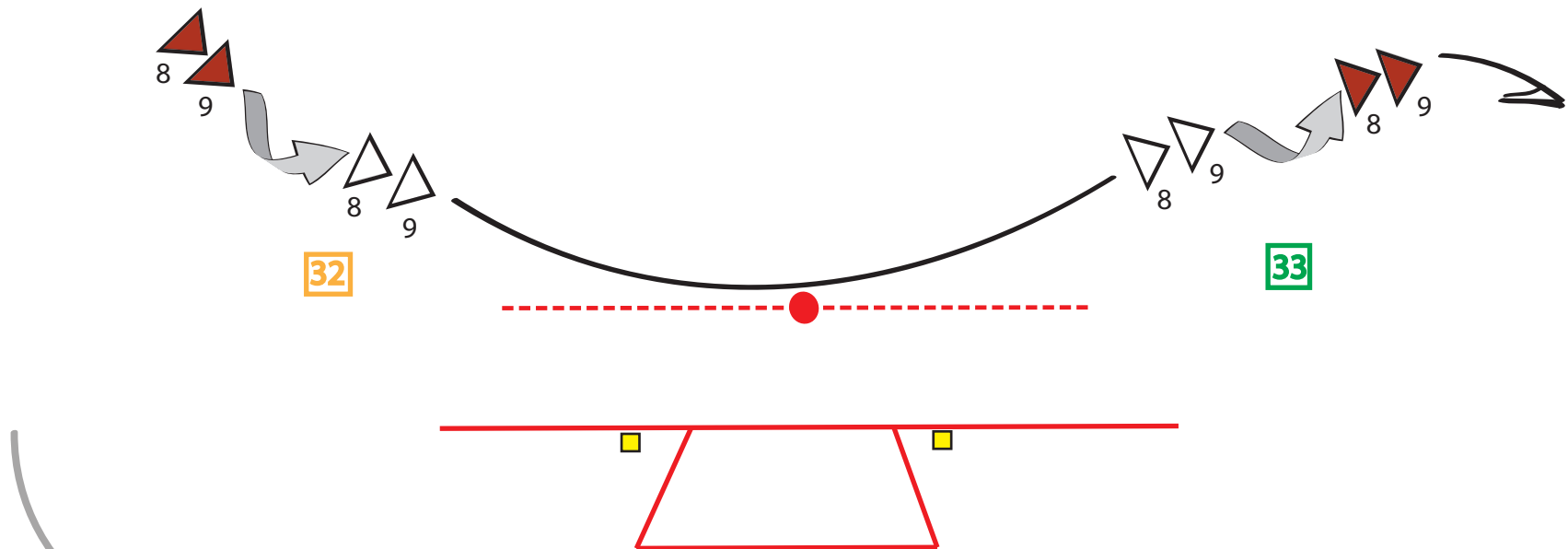
**31**

The main formation executes a Feather Bottomside Pass and exits deadside stage left. Weather permitting, the Double Diamond Change Feather Wrap may be replaced with the Double Diamond Roll (Annex C 2016 High Show Manoeuvre #30) with similar entry/exit ground tracks. 44.c.(1)(c)



Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Double Inverted

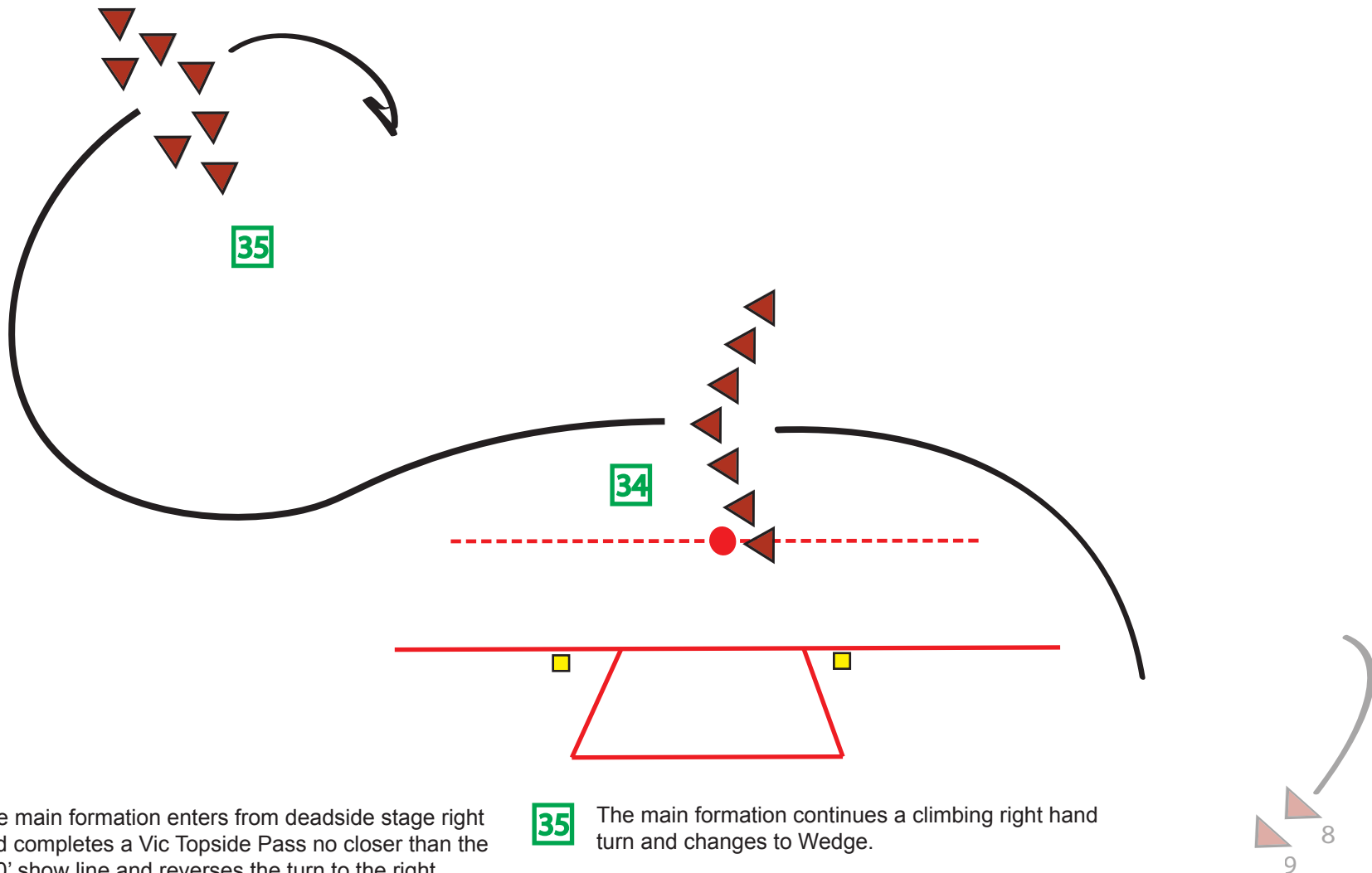


**32** Snowbird 8,9 both roll to inverted and enter stage left to execute a left to right Double Inverted pass. 44.c.(1)(a)

**33** Snowbird 8,9 roll back to level and exit stage right.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for an aerobatic manoeuvre conducted outside the aerobatic box below an altitude of 1500' AGL. BGA 100 CH 11 Para 44.c.(1)(a)

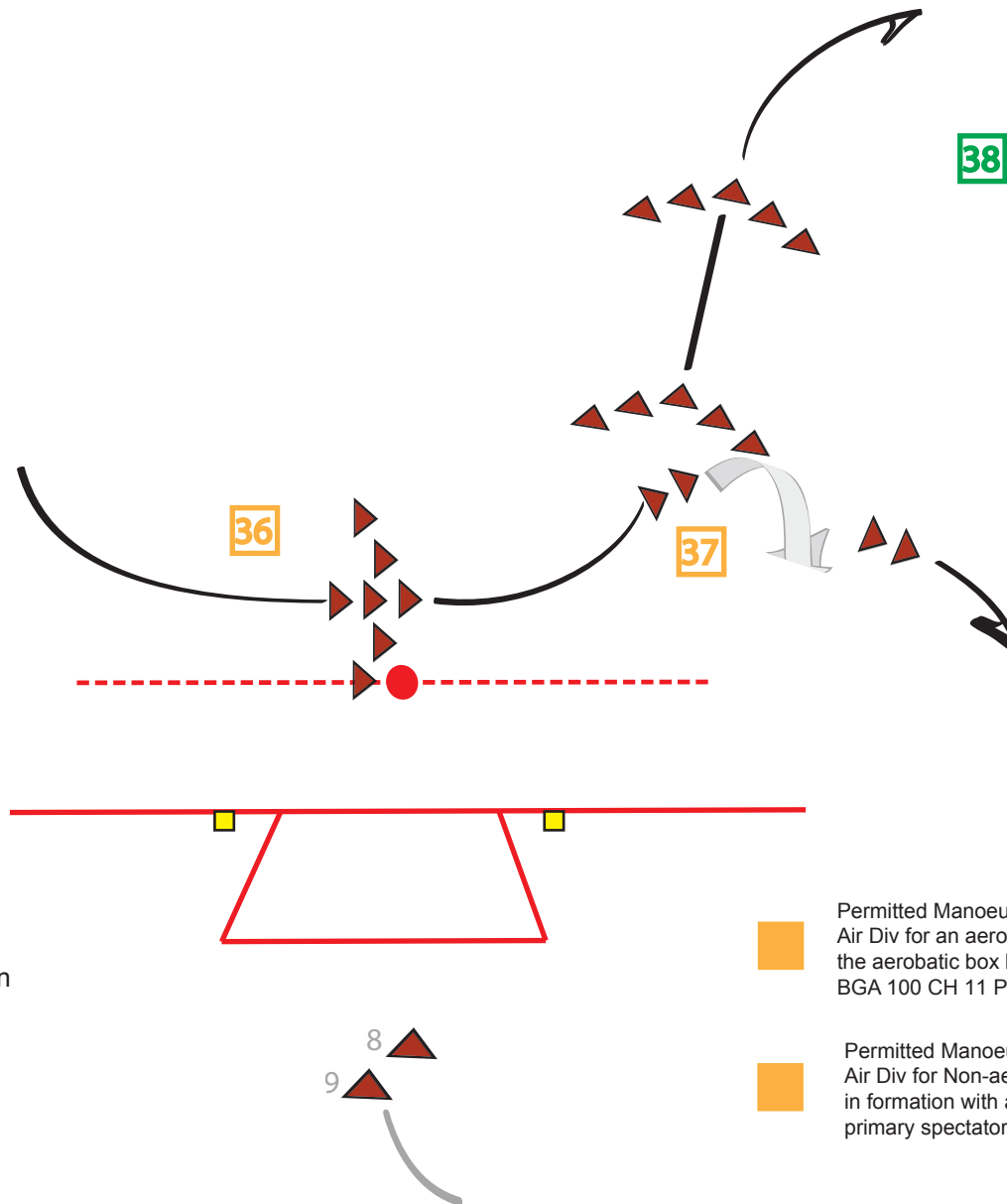
# Vic Topside Pass



**34** The main formation enters from deadside stage right and completes a Vic Topside Pass no closer than the 500' show line and reverses the turn to the right.

**35** The main formation continues a climbing right hand turn and changes to Wedge.

# Arrow Bottomside and Stem Drop



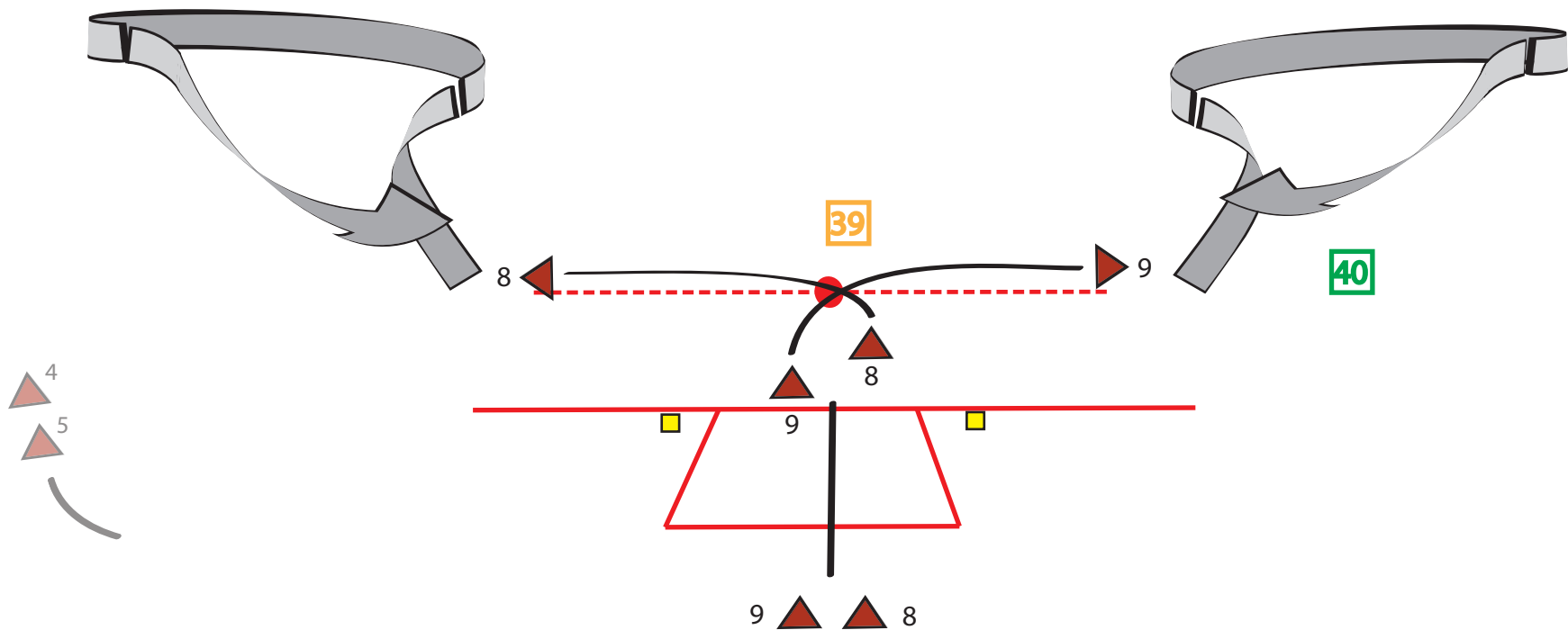
**36** The main formation executes a left to right Arrow Bottomside Pass. 44.c.(1)(c)

**37** Snowbird 4,5 drop from the main formation and depart towards deadside stage right via a climbing barrel roll. 44.c.(1)(a)

**38** Remaining Snowbird 1,2,3,6,7 continue liveside stage right in Vic.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for an aerobatic manoeuvre conducted outside the aerobatic box below an altitude of 1500' AGL. BGA 100 CH 11 Para 44.c.(1)(a)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

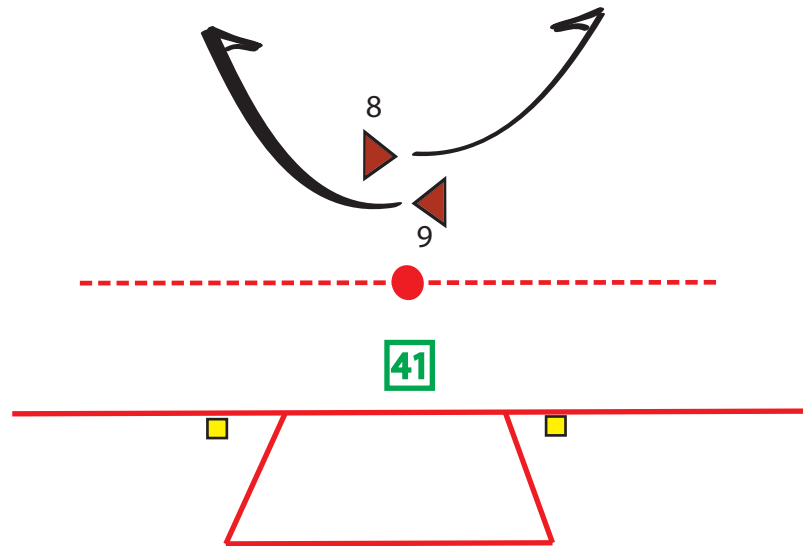
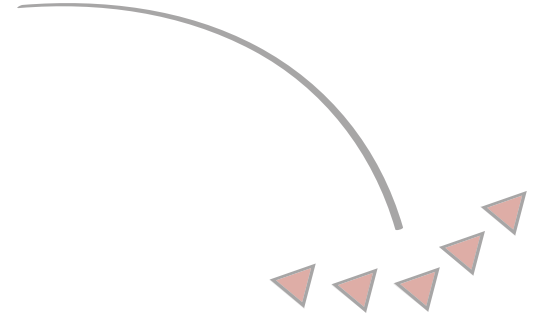
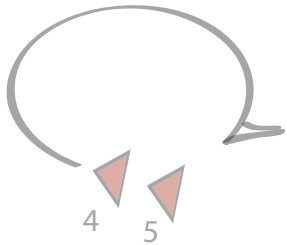


Snowbird 8,9 enter from deadside overhead and execute the Tuckaway Cross at the 1500' show line. 44.b.(3)(e)

Snowbird 8,9 reposition via the Pop & Tip Reversal.

Permitted Manoeuvre when so authorized by the Comd 1  
Cdn Air Div to fly at a minimum altitude of 500' over the  
primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Canopy Cross Exit

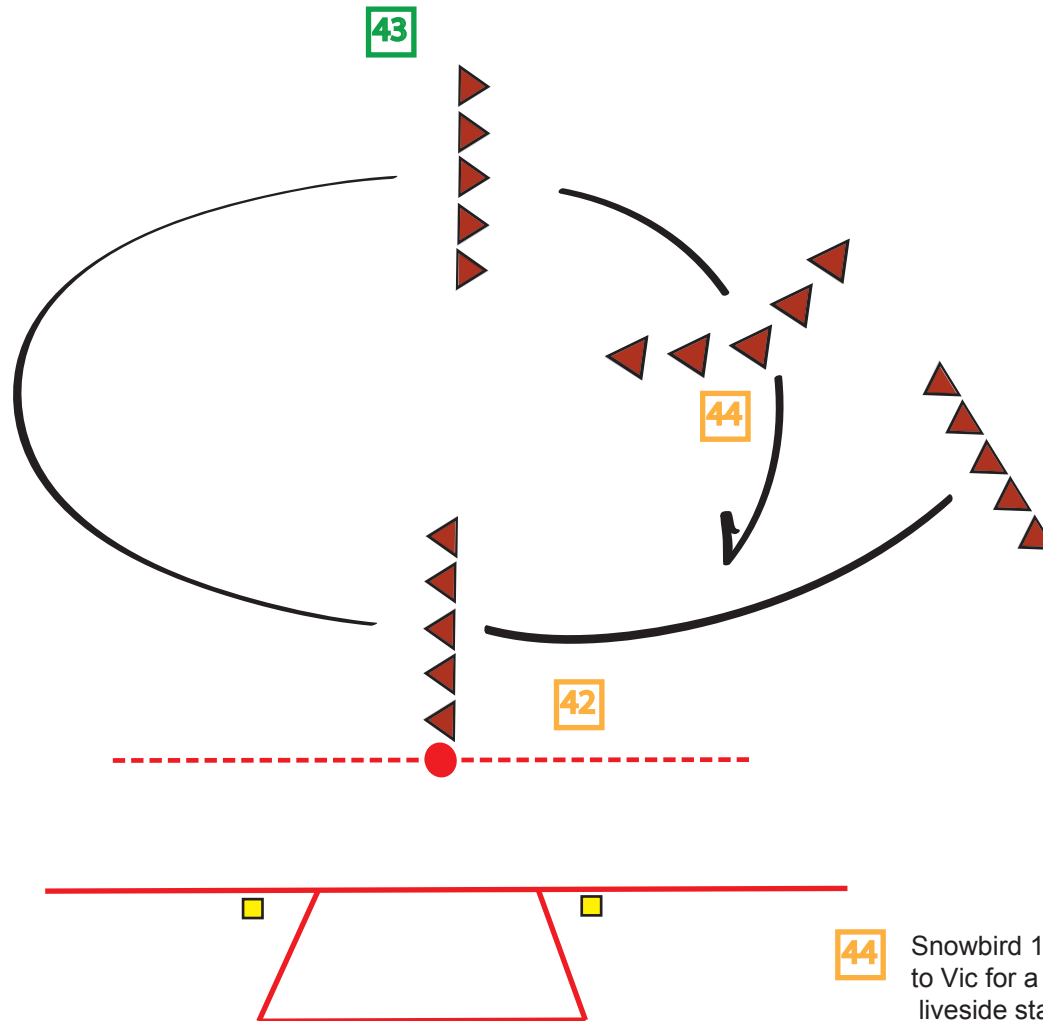
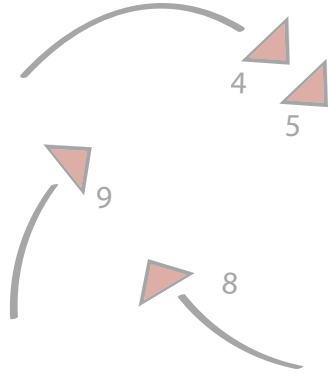


41

Snowbird 8,9 run-in along the show line in opposing directions and turn simultaneously towards liveside to effect a Bottomside Canopy Cross exit no closer than the 1500' show line.



# Line Abreast Change Vic Wrap



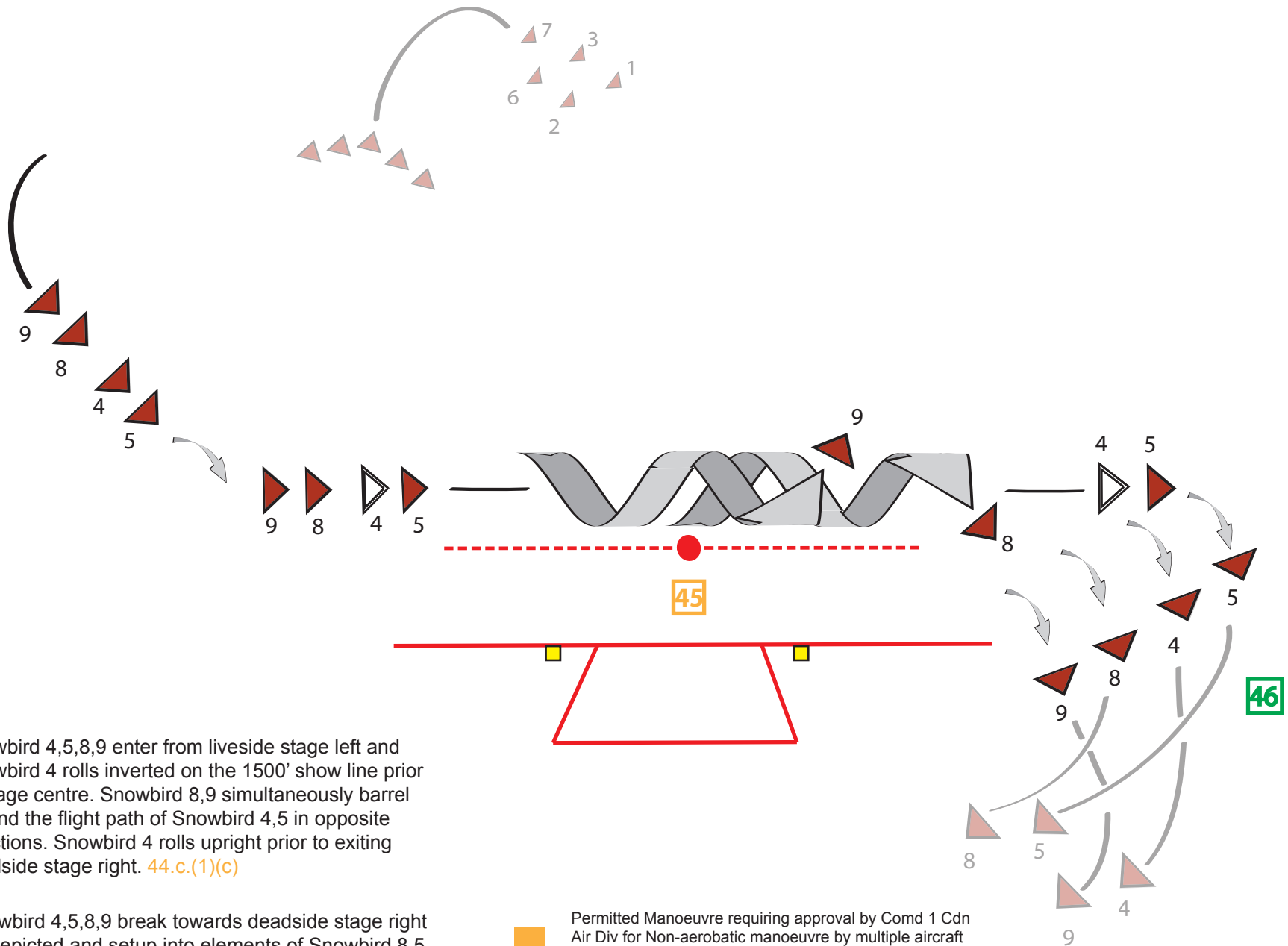
**42** Snowbird 1,2,3,6,7 change from Vic to Line Abreast and enter from stage right to execute a Line Abreast Bottomside Pass. 44.c.(1)(c)

**43** Snowbird 1,2,3,6,7 begin a right turn liveside and continue the wrap.

**44** Snowbird 1,2,3,6,7 complete a hidden change to Vic for a Vic Bottomside Pass and exit liveside stage left. 44.c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Kaleidoscope

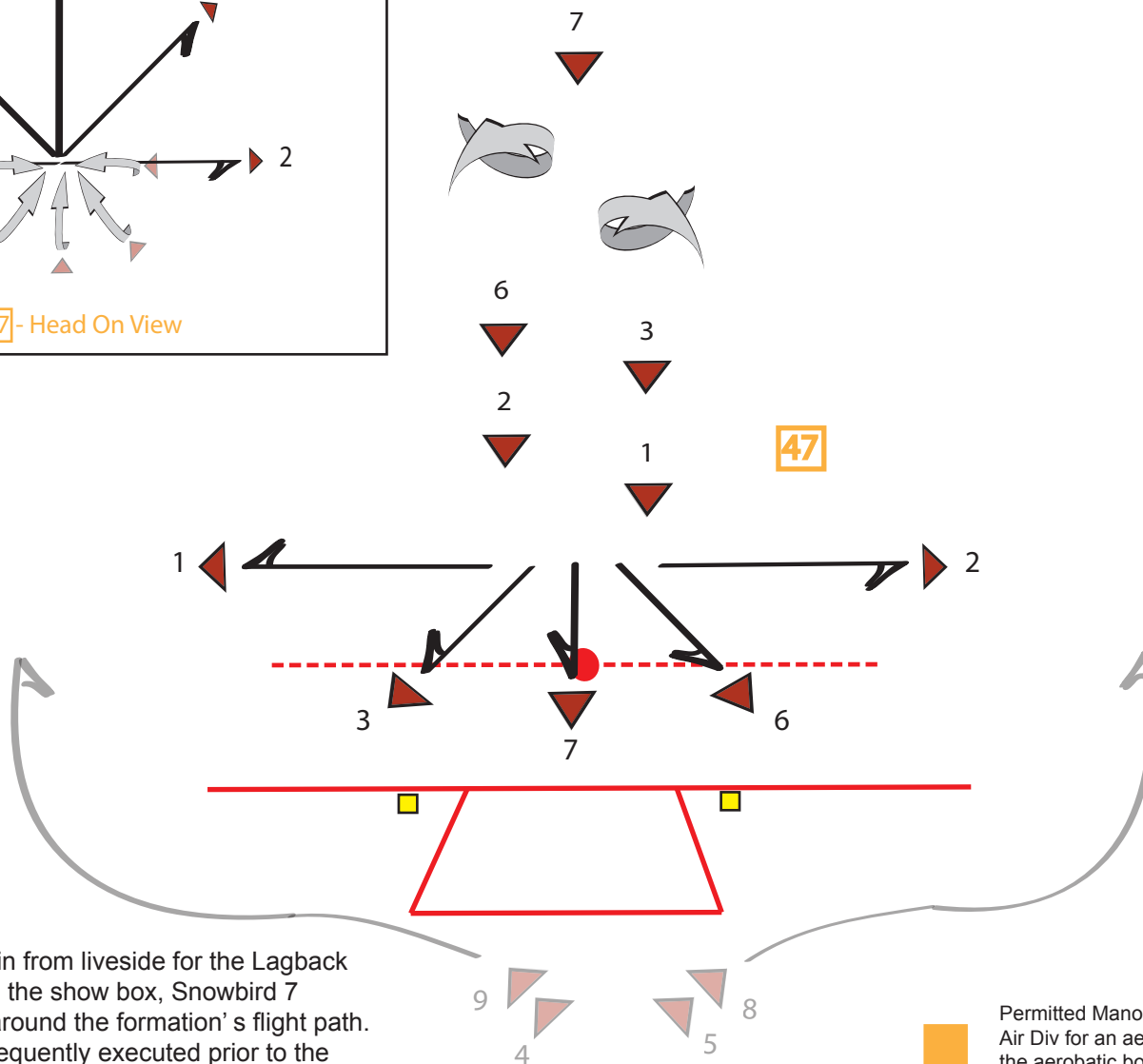
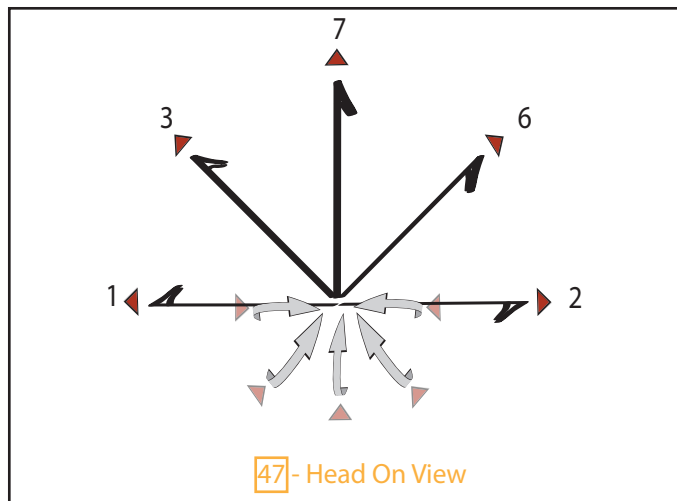


**45** Snowbird 4,5,8,9 enter from liveside stage left and Snowbird 4 rolls inverted on the 1500' show line prior to stage centre. Snowbird 8,9 simultaneously barrel around the flight path of Snowbird 4,5 in opposite directions. Snowbird 4 rolls upright prior to exiting deadside stage right. 44.c.(1)(c)

**46** Snowbird 4,5,8,9 break towards deadside stage right as depicted and setup into elements of Snowbird 8,5 and Snowbird 9,4.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

## Lagback Cross

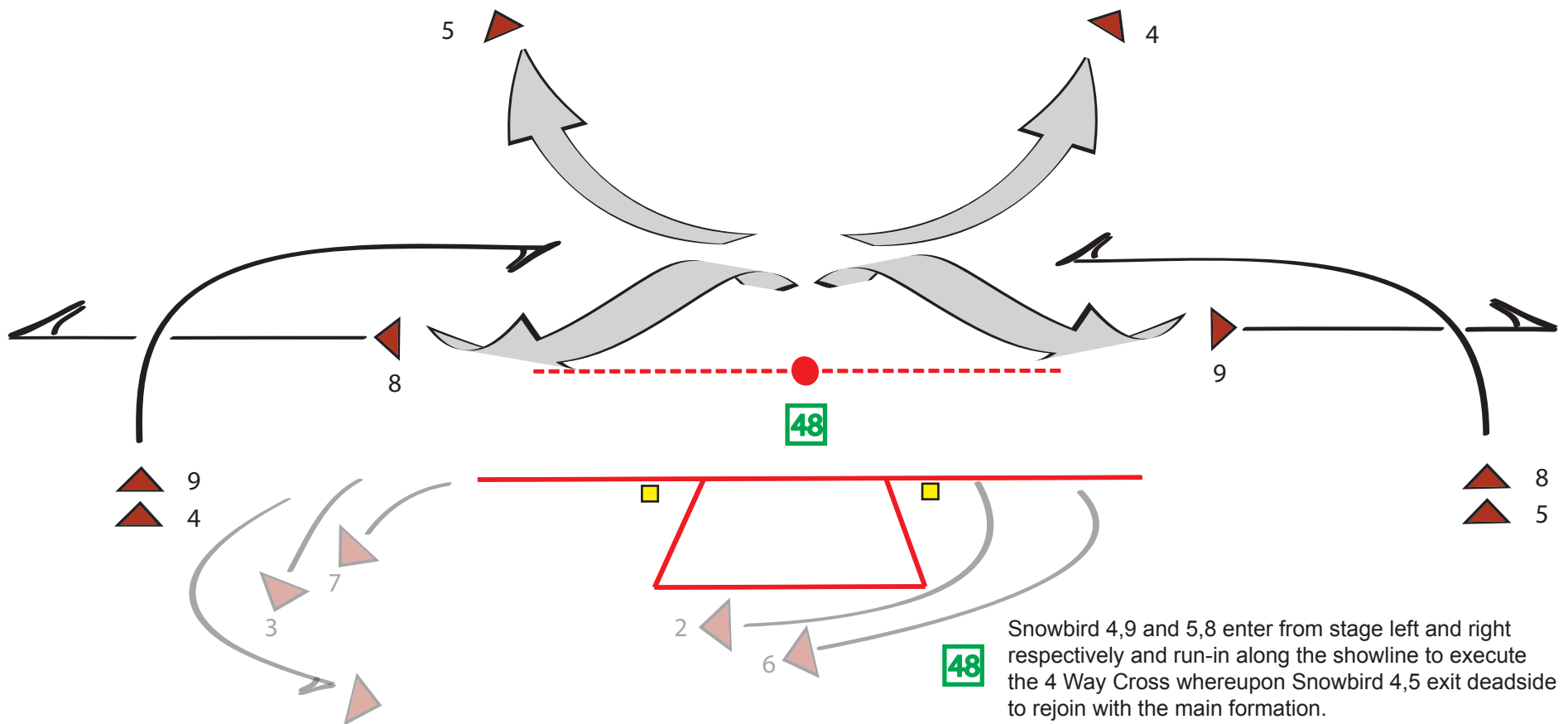


40

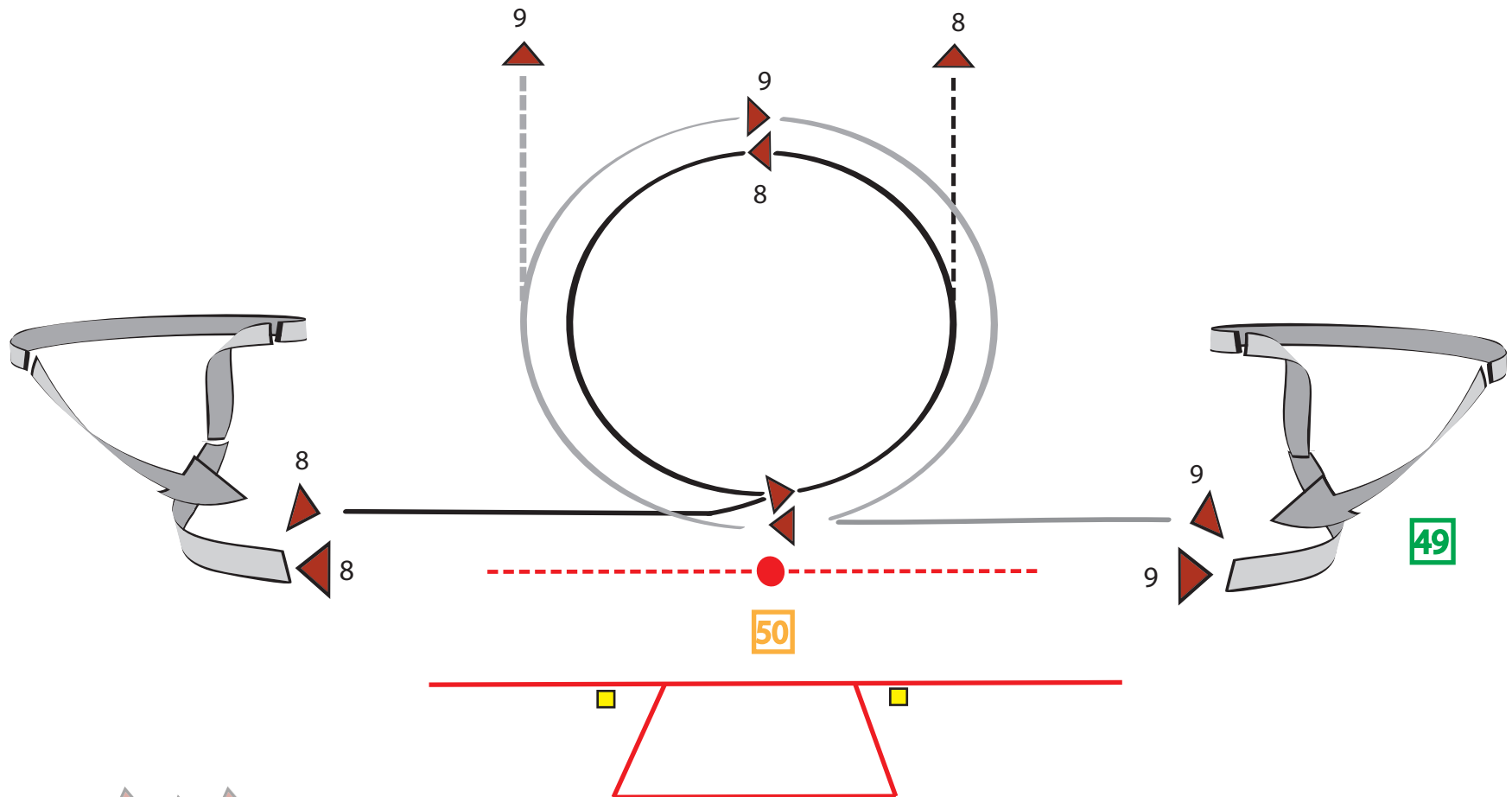
Snowbird 1,2,3,6,7 run-in from liveside for the Lagback Cross. Prior to entering the show box, Snowbird 7 executes 2 barrel rolls around the formation's flight path. An inward burst is subsequently executed prior to the 1500' show line as depicted. 44.c.(1)(a)

Permitted Manoeuvre requiring approval by Comd 1 Cdn  
Air Div for an aerobic manoeuvre conducted outside  
the aerobic box below an altitude of 1500' AGL.  
BGA 100 CH 11 Para 44.c.(1)(a)

# 4 Way Cross



# 90/270 Reversal - Co-360

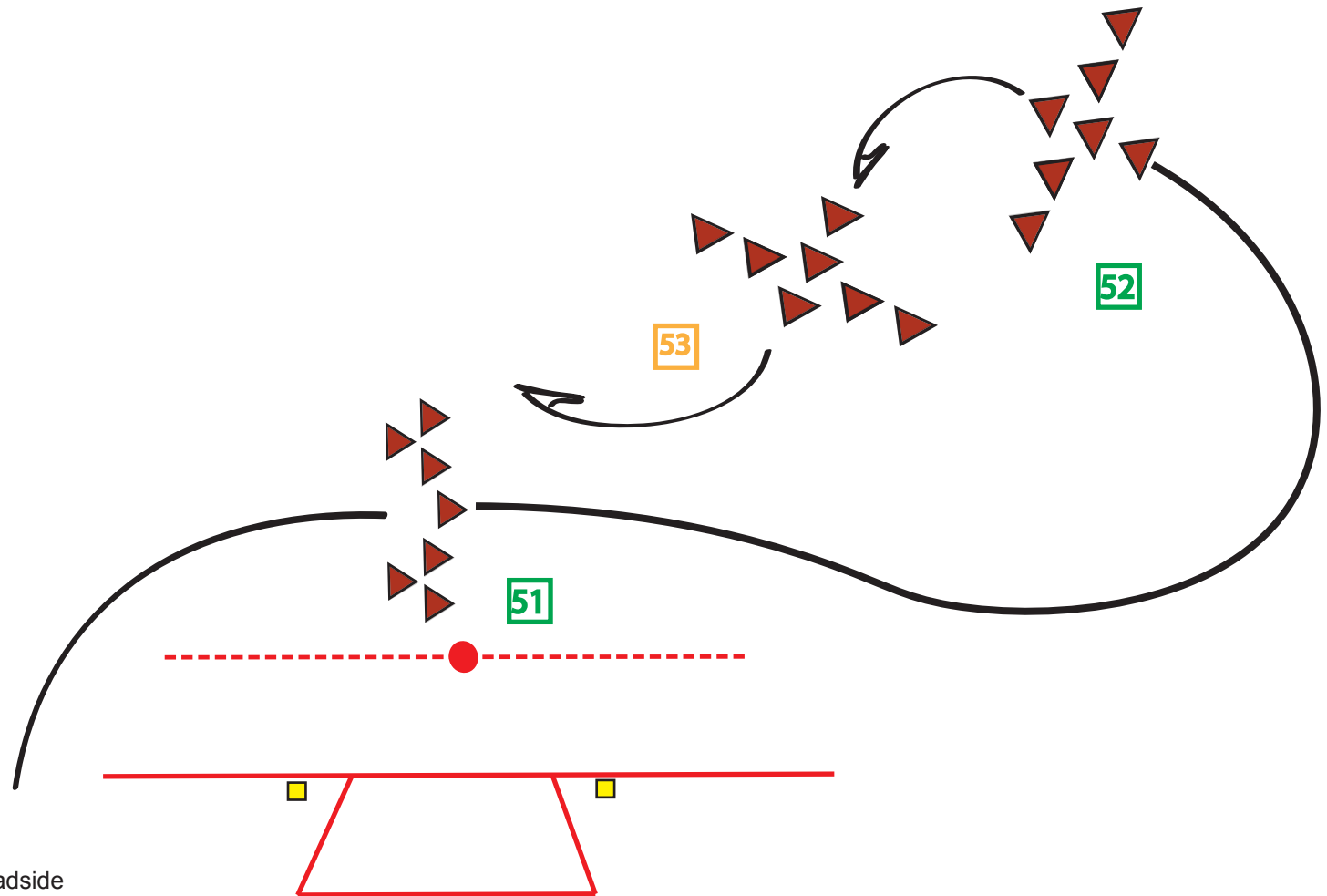
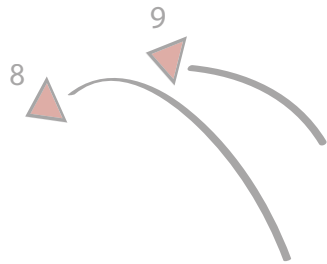


**49** Snowbird 8,9 reposition via a 90/270 Reversal.

**50** Snowbird 8,9 run-in along the showline in opposing directions and execute 3 crosses via the level Co-360 followed by a liveside exit.  
44.c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Speedbird Topside



**51** The main formation enters from deadside stage left and completes a left to right Speedbird Topside Pass.

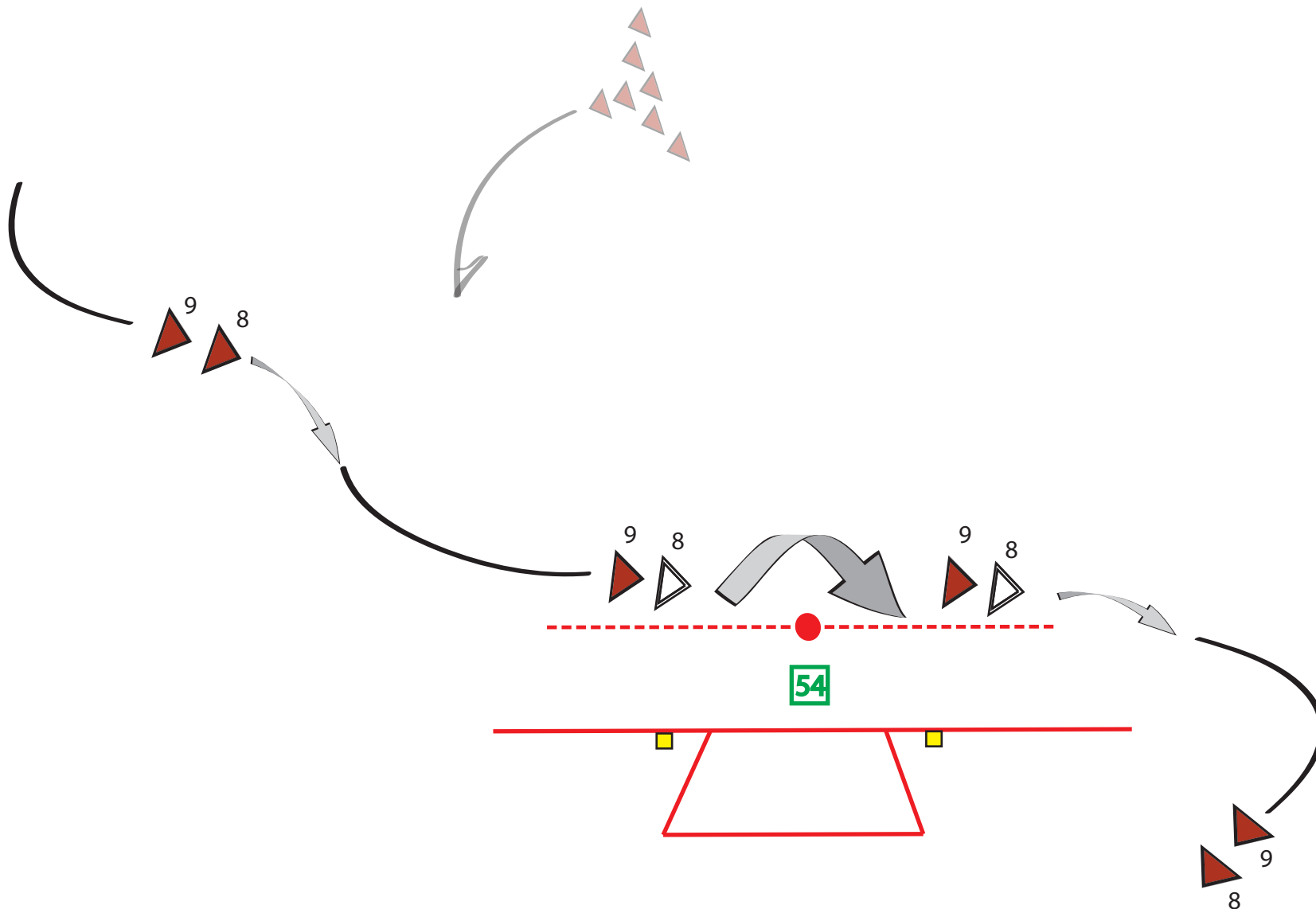
**52** The main formation repositions via a climbing left turn and changes to Cross.

**53** The main formation reverses to complete a right to left Cross Bottomside Pass before exiting liveside stage left. 44.c.(1)(c)



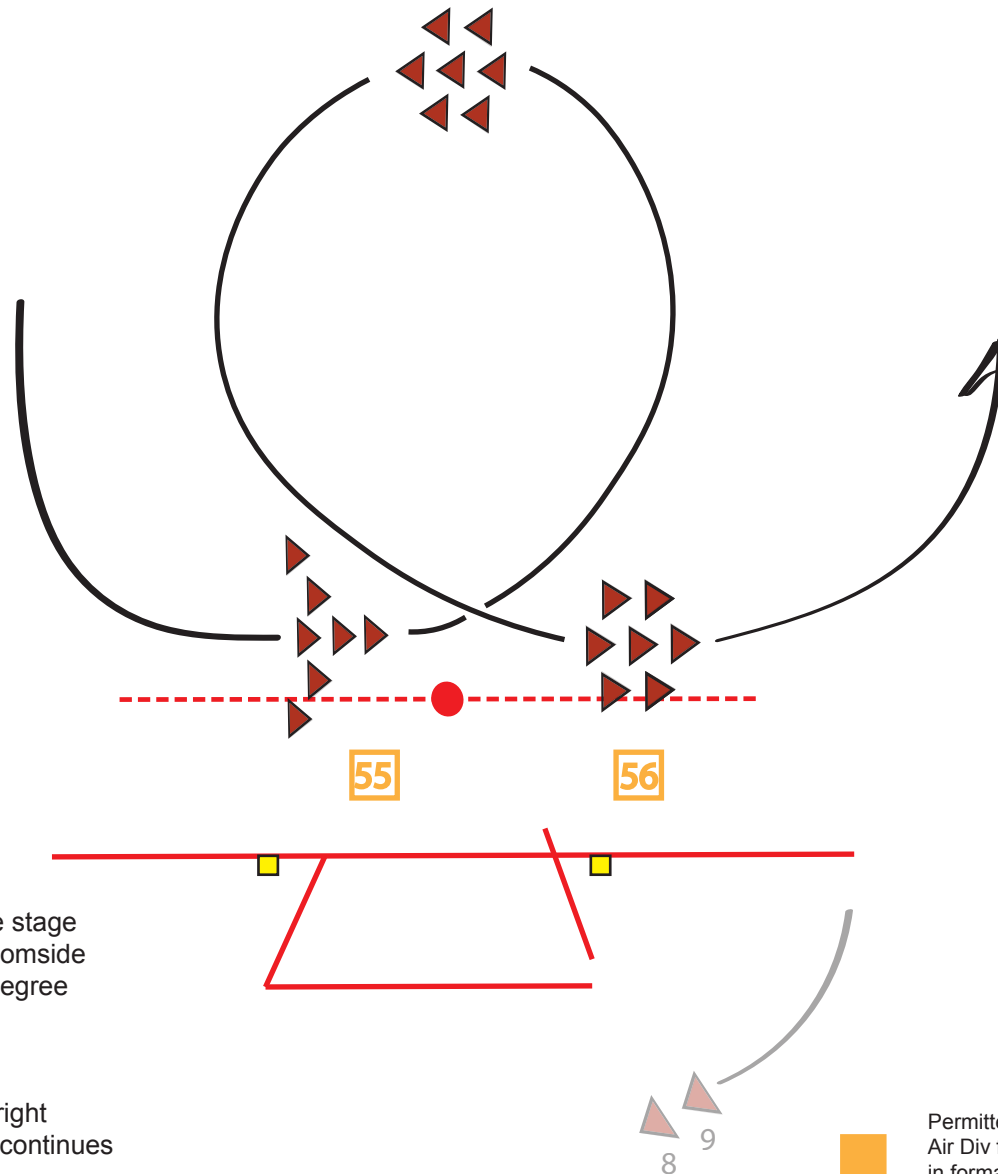
Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Mirror Roll



- 54** Snowbird 8 rolls inverted stage left whereupon Snowbird 8,9 execute a climbing roll away from the crowd at stage centre. Snowbird 8 rolls upright to exit stage right deadside with Snowbird 9. If weather precludes executing the roll, a level Mirror Pass will be flown.

# Mini-Concorde Change Double Diamond Wrap



**55** The main formation enters from liveside stage left for a left to right Mini-Concorde Bottomside Pass and continues liveside for a 360 degree wrap. A change to Double Diamond is completed stage right. 44.c.(1)(c)

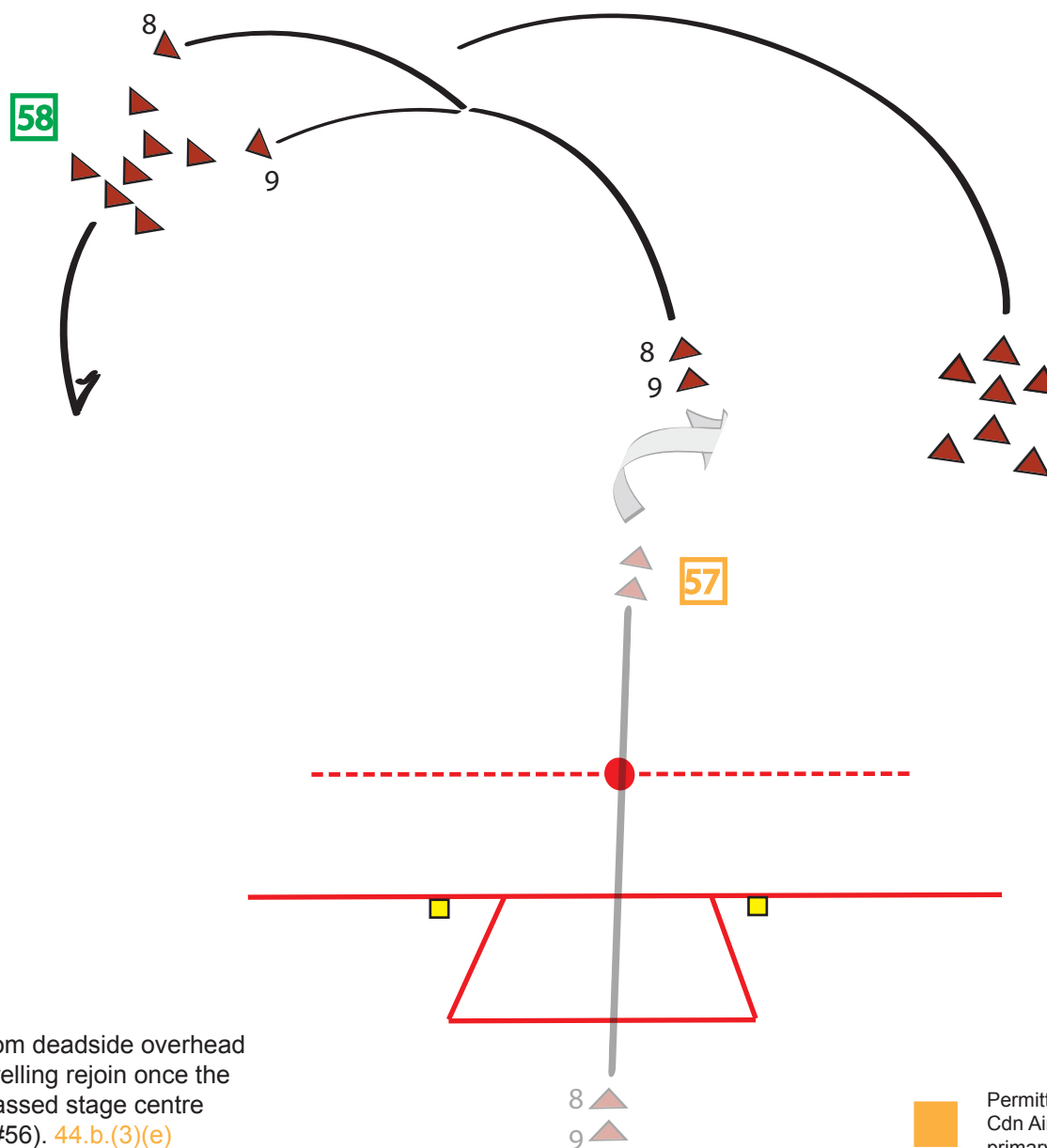
**56** The main formation completes a left to right Double Diamond Bottomside Pass and continues liveside. 44.c.(1)(c)



Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)



# Solos Rejoin

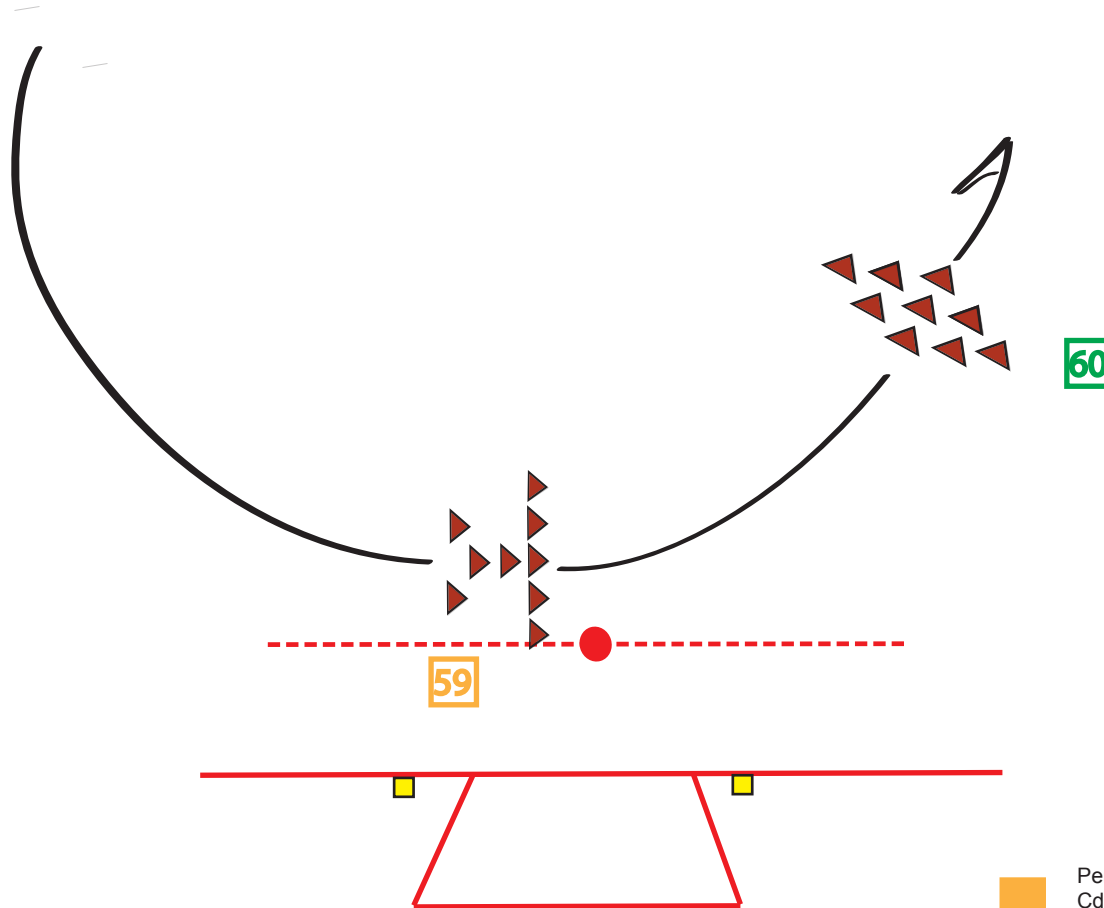


**57** Snowbird 8,9 enter from deadside overhead and pull up into a barrelling rejoin once the main formation has passed stage centre (previous sequence, #56). 44.b.(3)(e)

**58** The main formation changes through Swept 7 to Wineglass and Snowbird 8,9 rejoin the main formation.  
Annex D 18 Jan 16 Ver 1.1

**57** Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Wineglass Bottomside



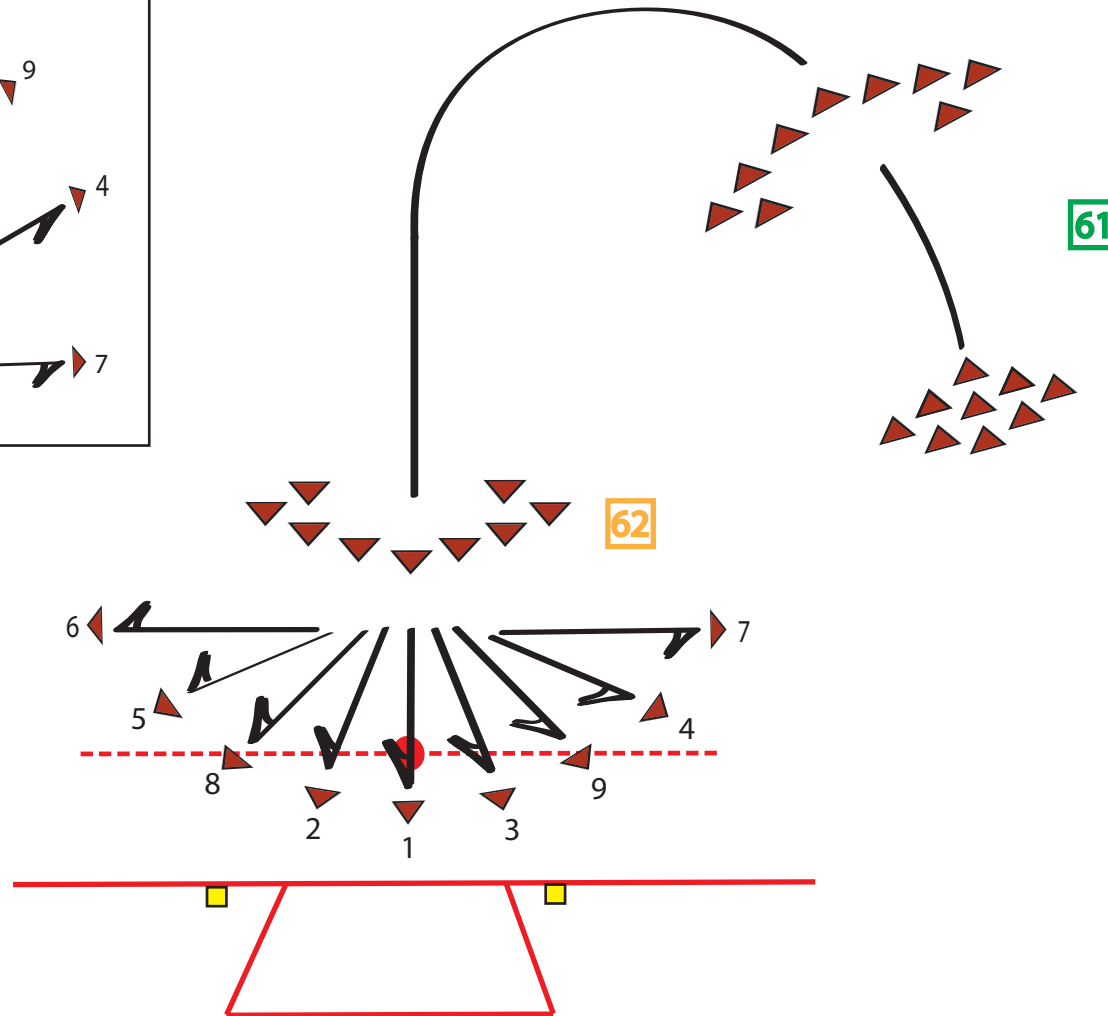
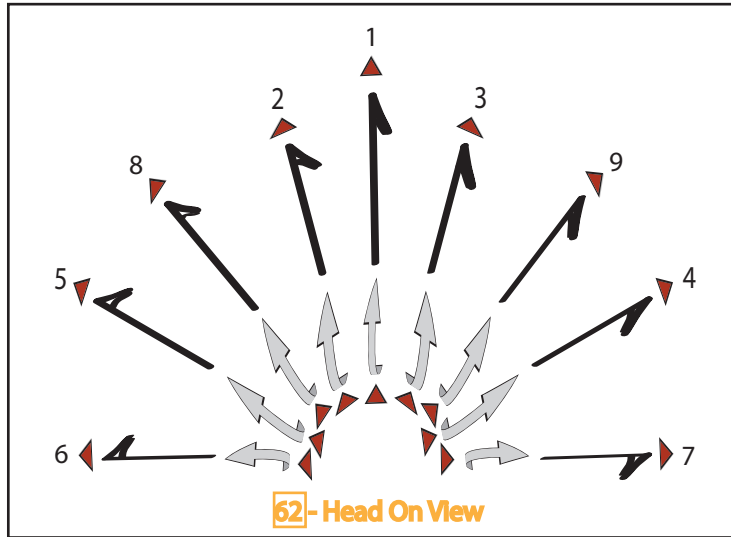
**59** The formation executes a left to right Wineglass Bottomside Pass. 44.c.(1)(c)

**60** The formation continues liveside stage right and changes to Big Diamond.

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Maple Split

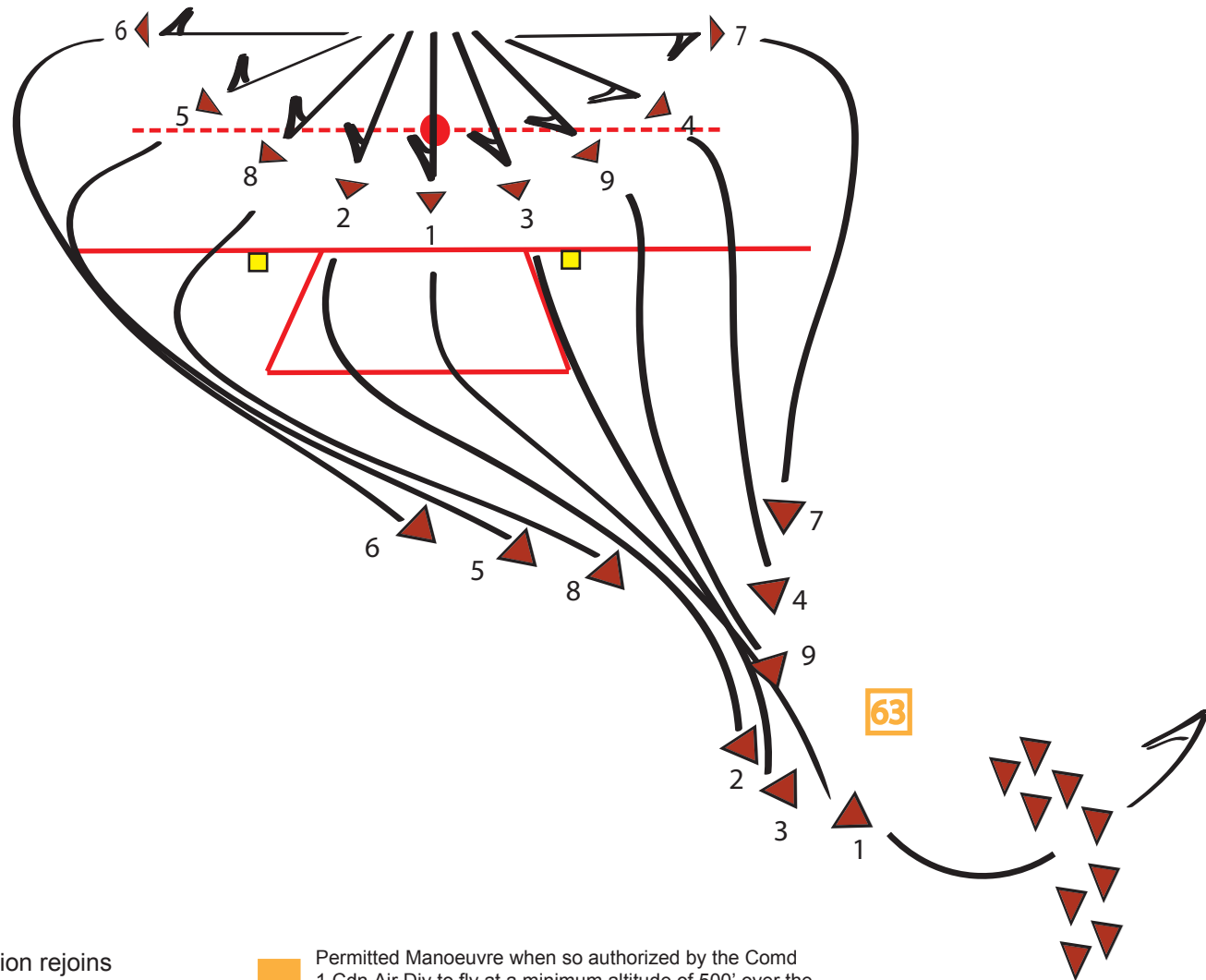


**61** The formation repositions and changes to Maple.

**62** The formation is split via an outward Maple Split as depicted. 44.c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Maple Split Rejoin



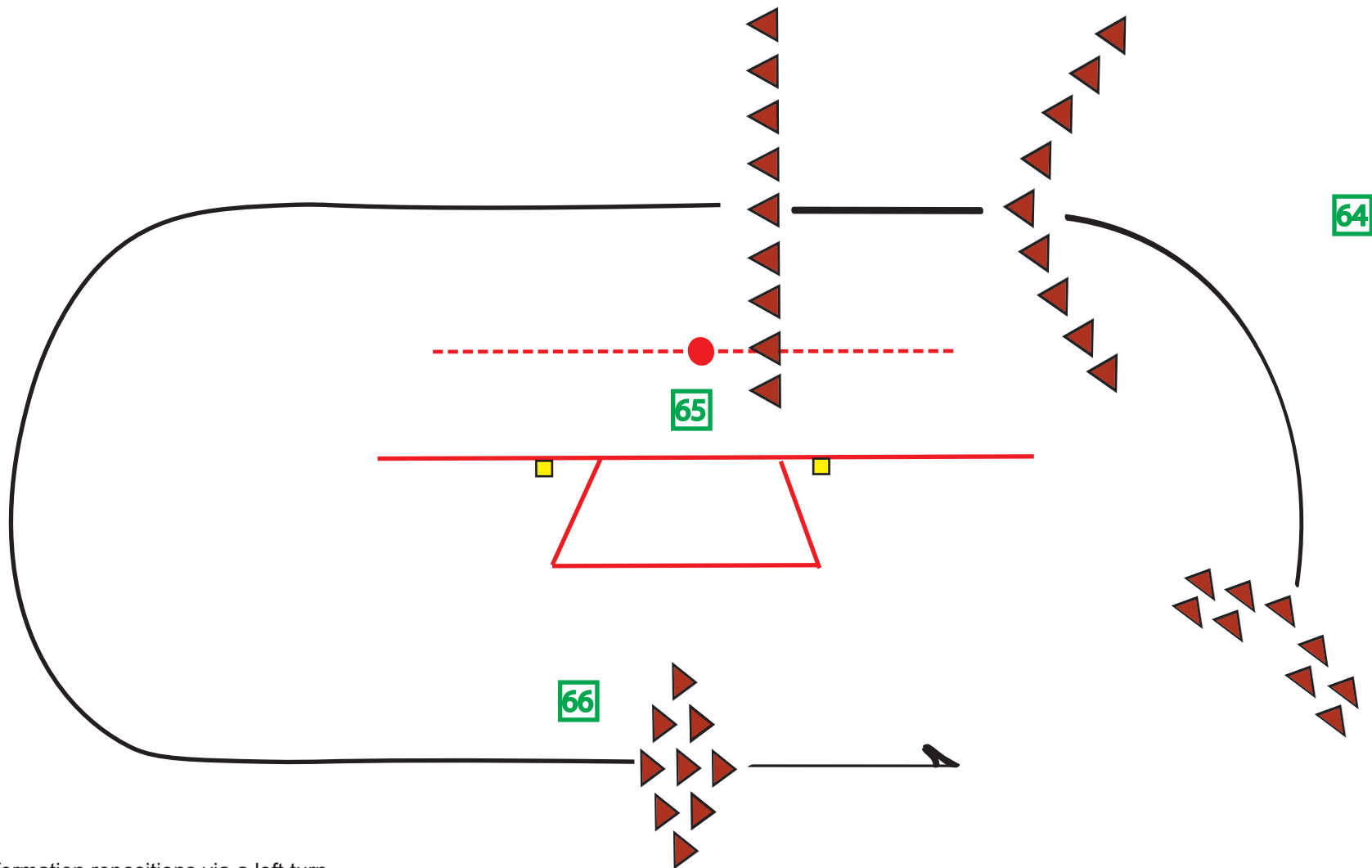
63

Following the Maple Split the formation rejoins to Palm via a left-hand collecting turn. 44.b.(3)(e)



Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# 9 Plane Line Abreast



**64** The formation repositions via a left turn and a change to Big Vic is called.

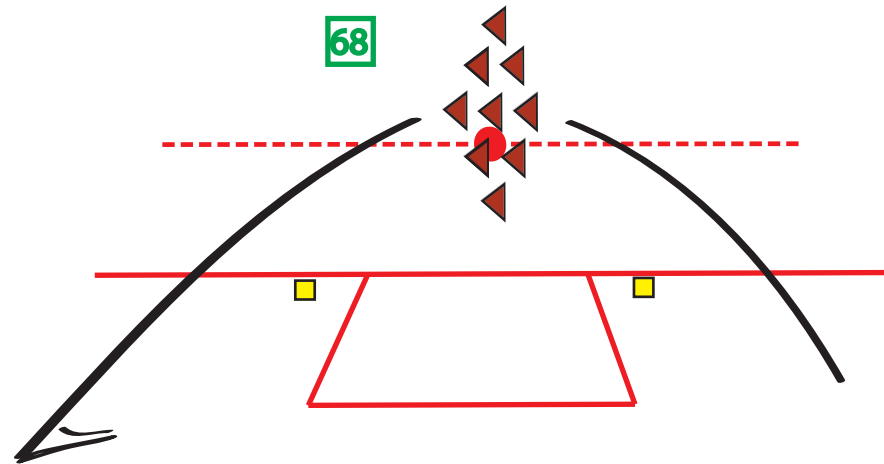
**65** The formation is called to 9 Plane Line Abreast stage right and passes overhead from stage right to left along the 500' show line.

**66** The formation is called to Big Diamond and configures for landing via a left or right 180 degree turn (left turn depicted here).  
Annex D 18 Jan 16 Ver 1.1

[illegible]

Permitted Manoeuvre requiring approval by Comd 1 Cdn  
Air Div for an aerobatic manoeuvre conducted outside  
the aerobatic box below an altitude of 1500' AGL.  
BGA 100 CH 11 Para 44.c.(1)(a)

## Encore Option 2 - Big Diamond Topside Pass



68

Alternatively as an encore option, the formation can perform a Big Diamond Topside pass from either direction (stage right to left depicted here), outside the stage left/right markers and no closer than the 500' show line.

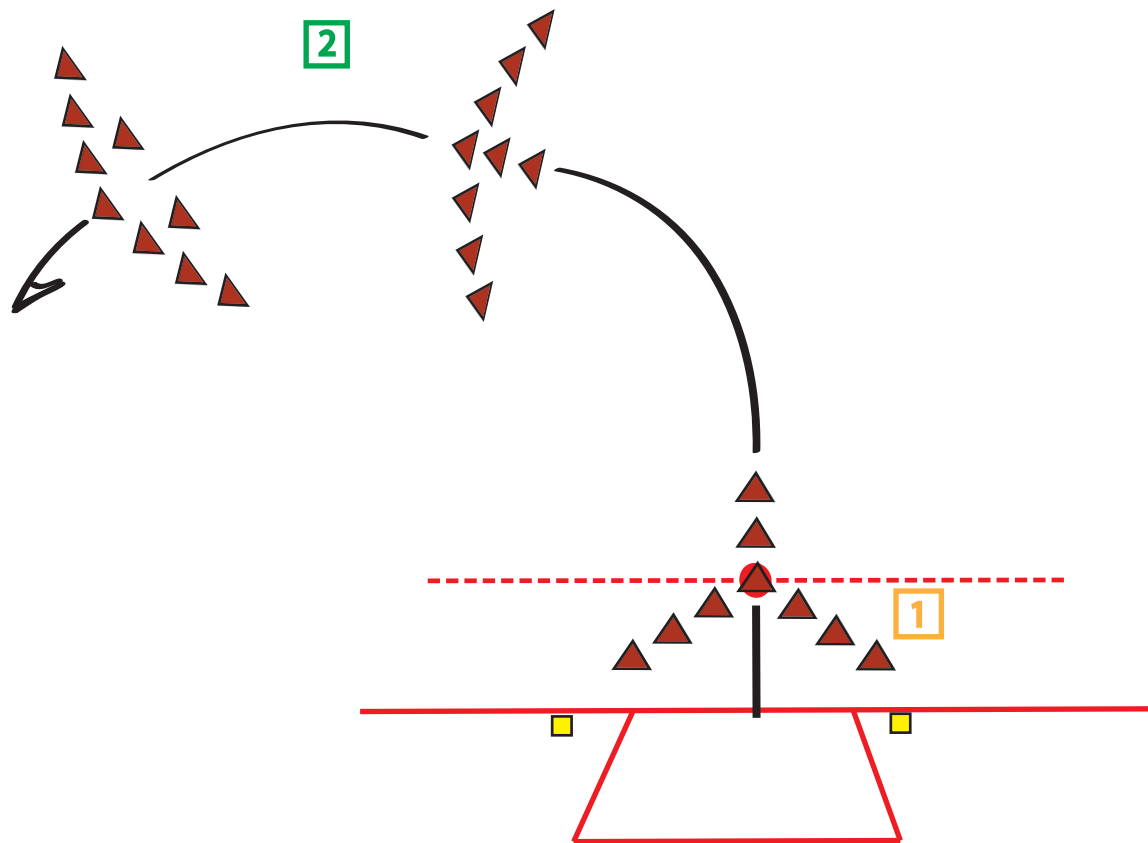


# **431 (AD) SQN 2016 FLAT SHOW 1.0**

The following is a pictorial description of the 2016 Flat Show.



# Canada Goose Change Arrowhead Change Big Wedge

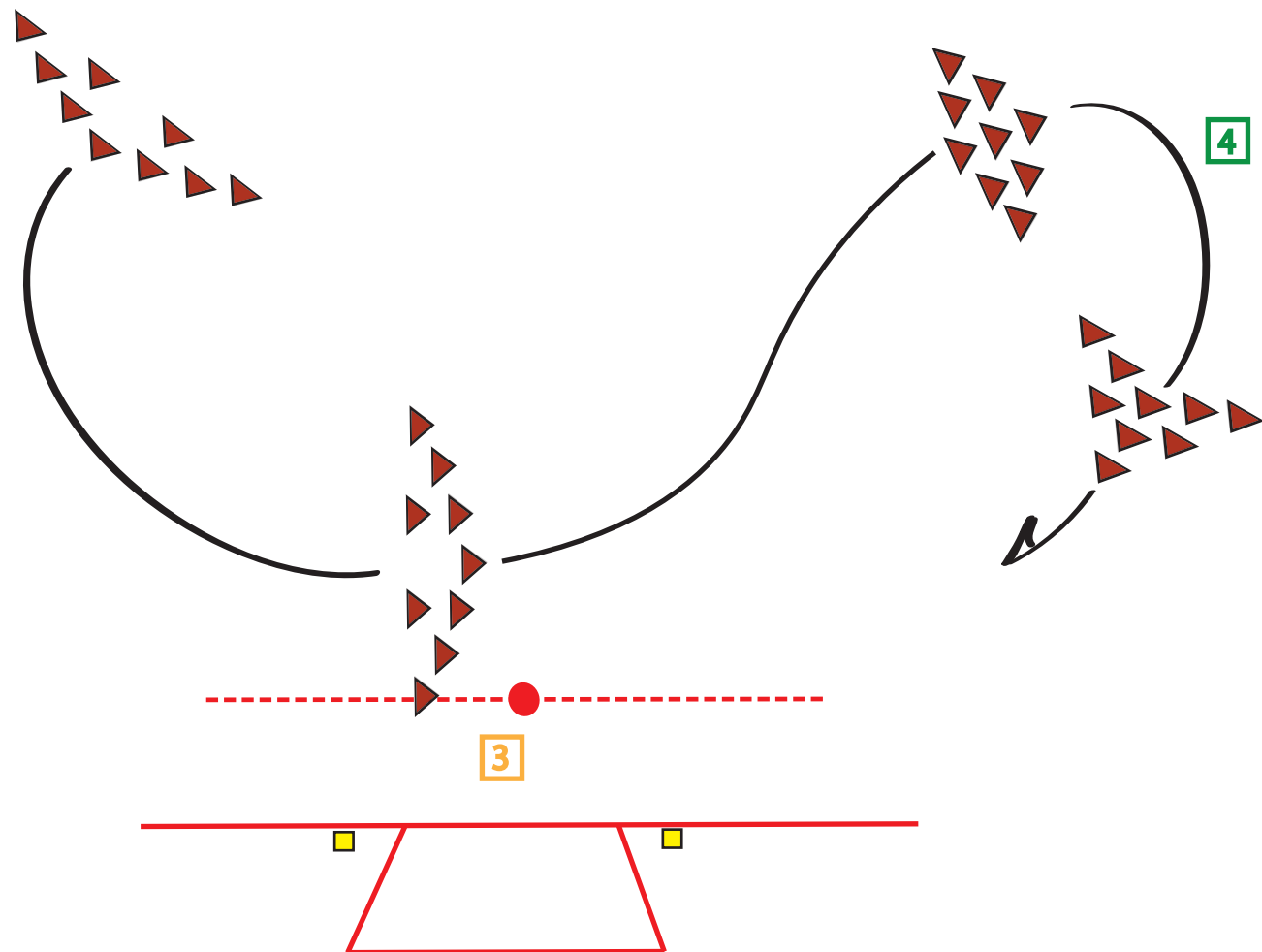


**1** The formation approaches from deadside overhead the crowd in Canada Goose formation. 44.b.(3)(e)

**2** The formation commences a left hand repositioning turn and changes through Arrowhead to Big Wedge.

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

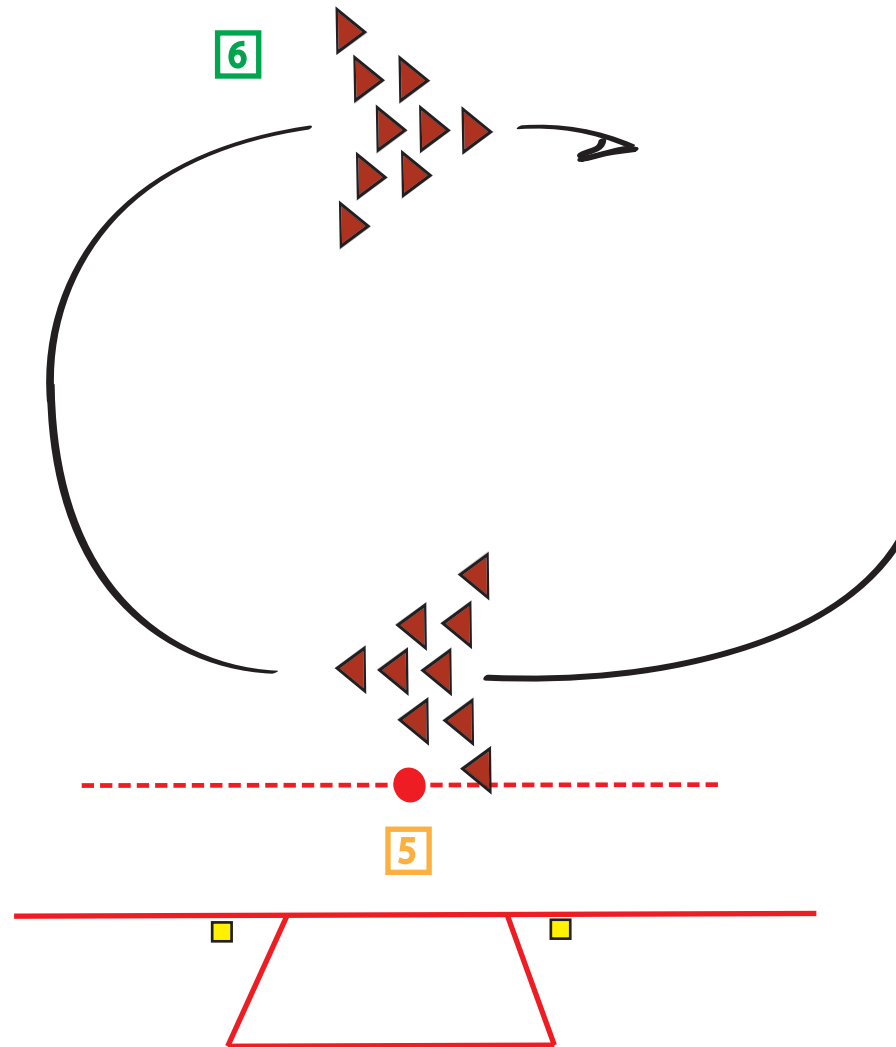
# Big Wedge Bottomside



- 3 The formation executes a left to right Big Wedge Bottomside Pass. 44.c.(1)(c)
- 4 The formation repositions via a climbing right turn and changes to Big Diamond then to Swept Delta.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Swept Delta Bottomside and Wrap

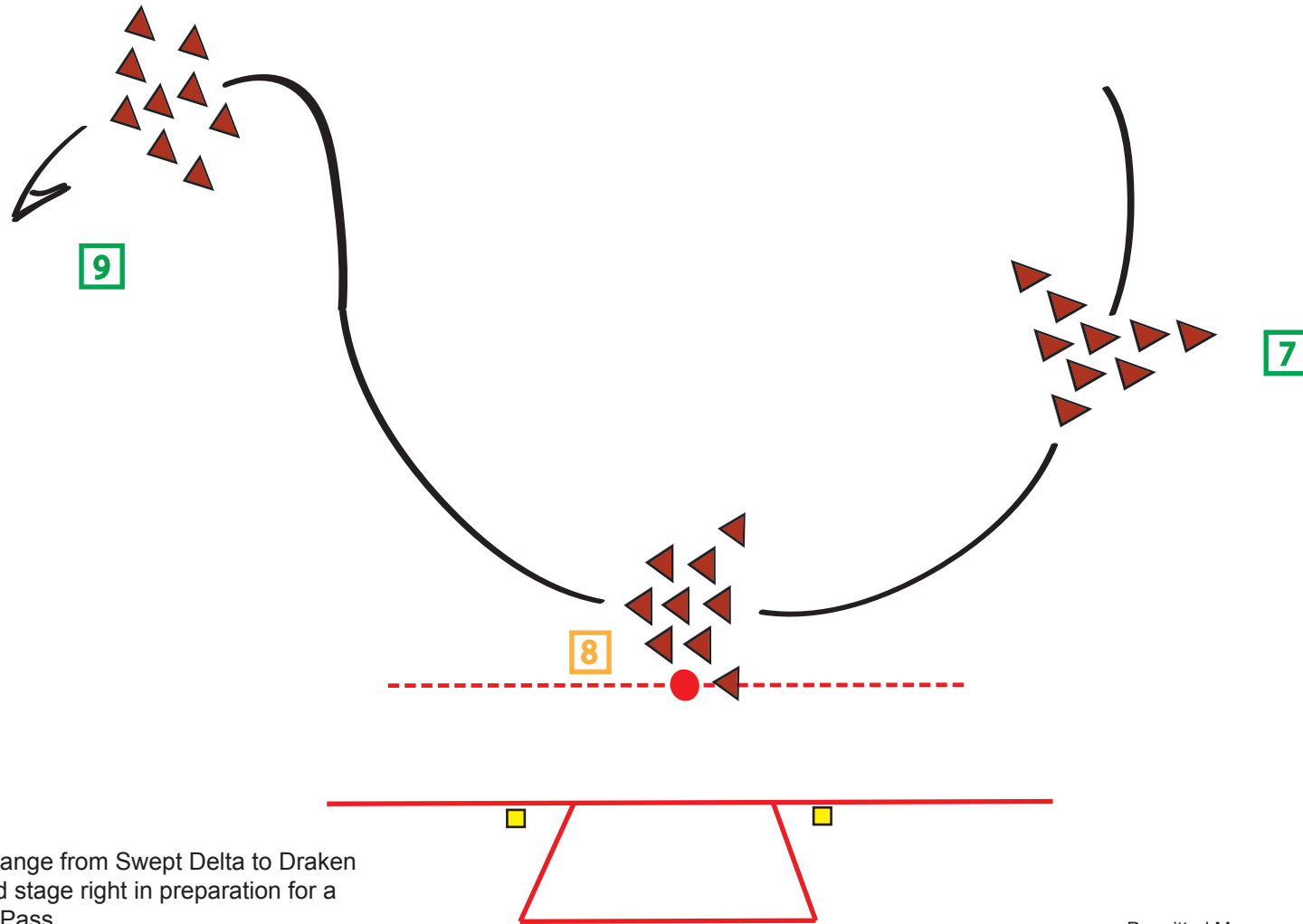


**5** The formation executes a right to left Swept Delta Bottomside Pass. 44.c.(1)(c)

**6** The formation continues a 360 right hand turn towards liveside stage right.

**Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)**

# Draken Bottomside



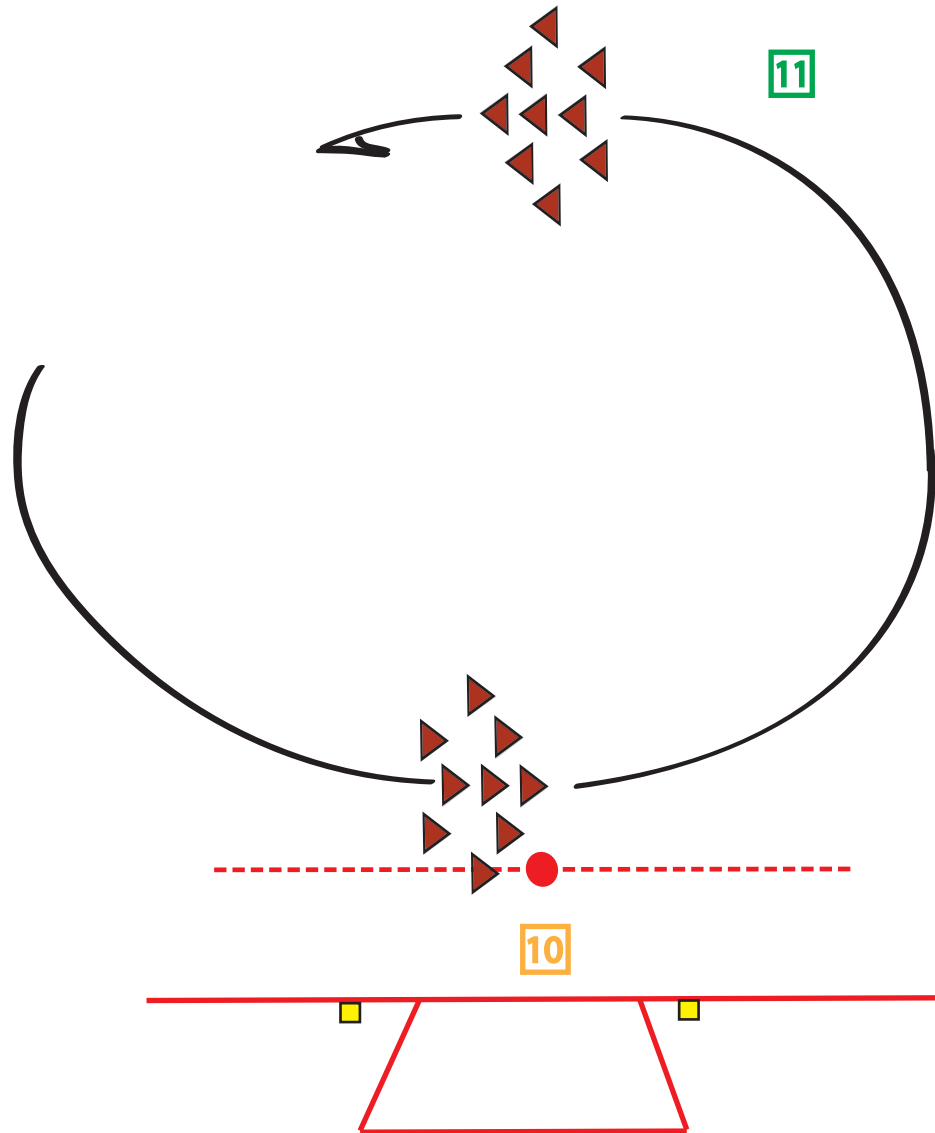
**7** A hidden change from Swept Delta to Draken is completed stage right in preparation for a Bottomside Pass.

**8** The formation executes a right to left Draken Bottomside Pass. 44.c.(1)(c)

**9** The formation repositions via a climbing left turn and a change to Big Arrow is completed.

**Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)**

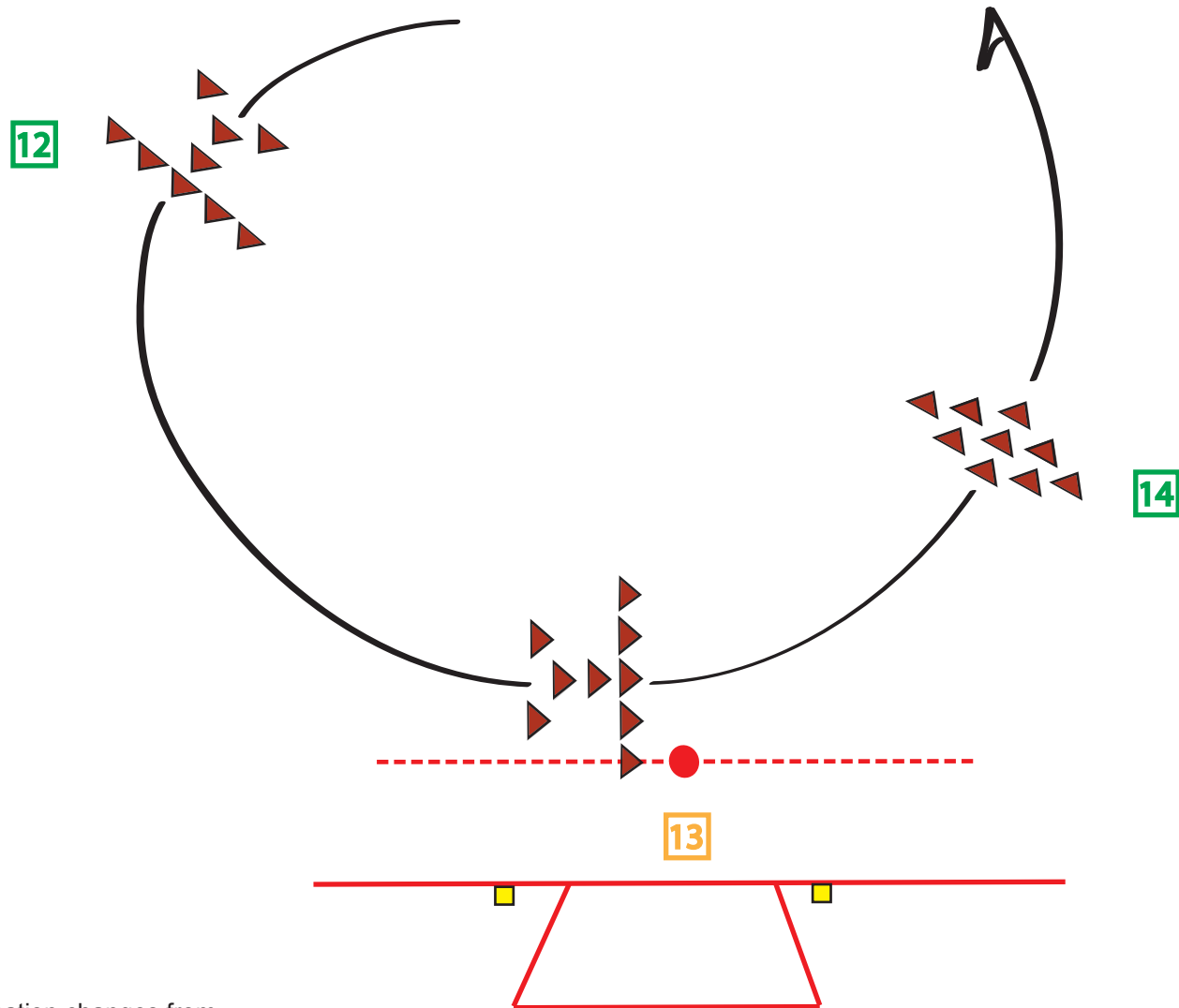
# Big Arrow Bottomside and Wrap



- 10** The formation executes a left to right Wineglass Bottomside Pass. 44.c.(1)(c)
- 11** The formation continues stage right and starts a Wineglass Loop, changing to Big Diamond frontside and then repositions via a left turn to run in liveside stage centre for the Canada Burst.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Wineglass Bottomside



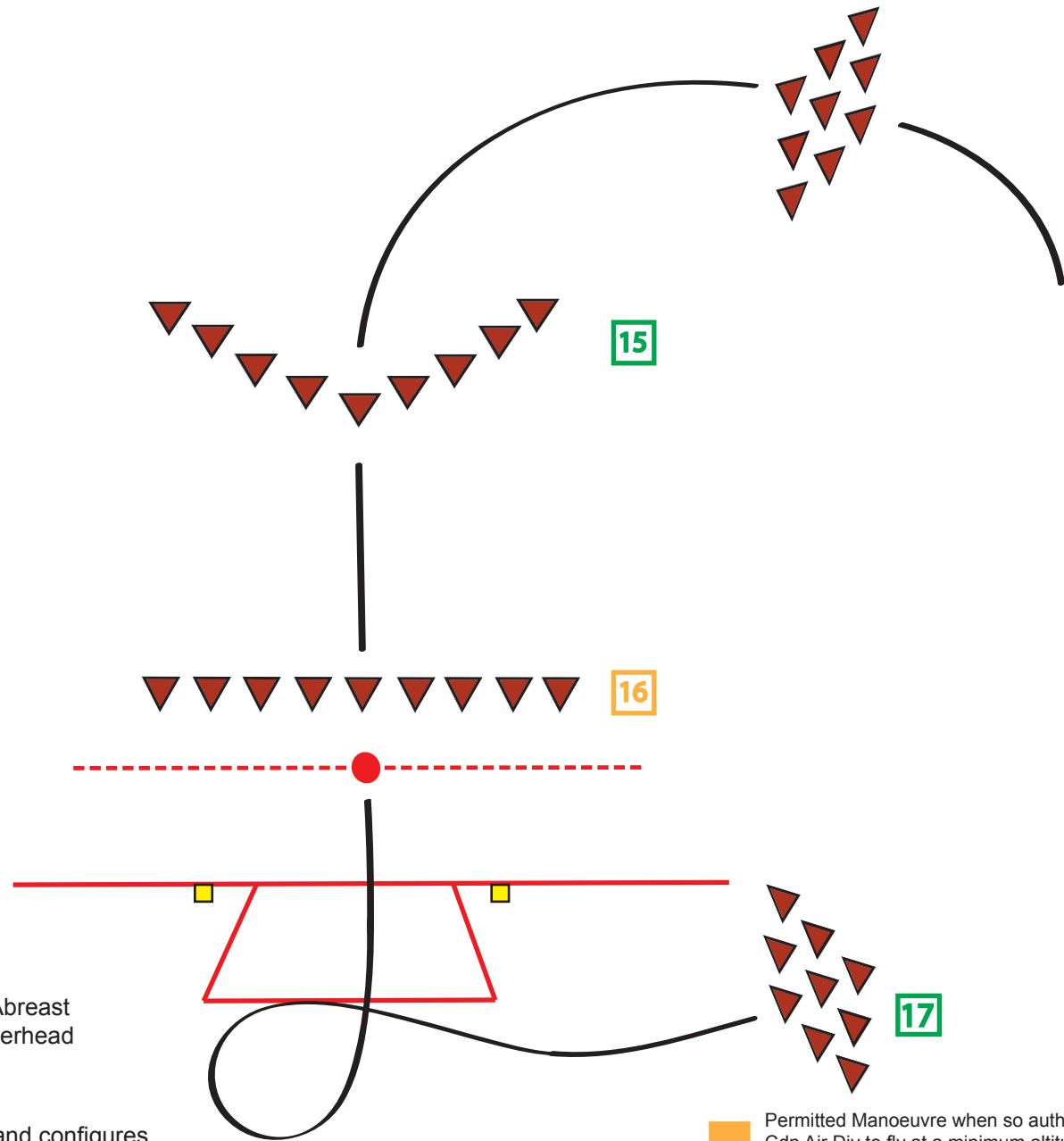
**12** The main formation changes from Big Arrow to Wineglass.

**13** The formation executes a left to right Wineglass Bottomside Pass. 44.c.(1)(c)

**14** The formation continues stage right and changes to Big Diamond in a left hand repositioning turn.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# 9 Plane Line Abreast



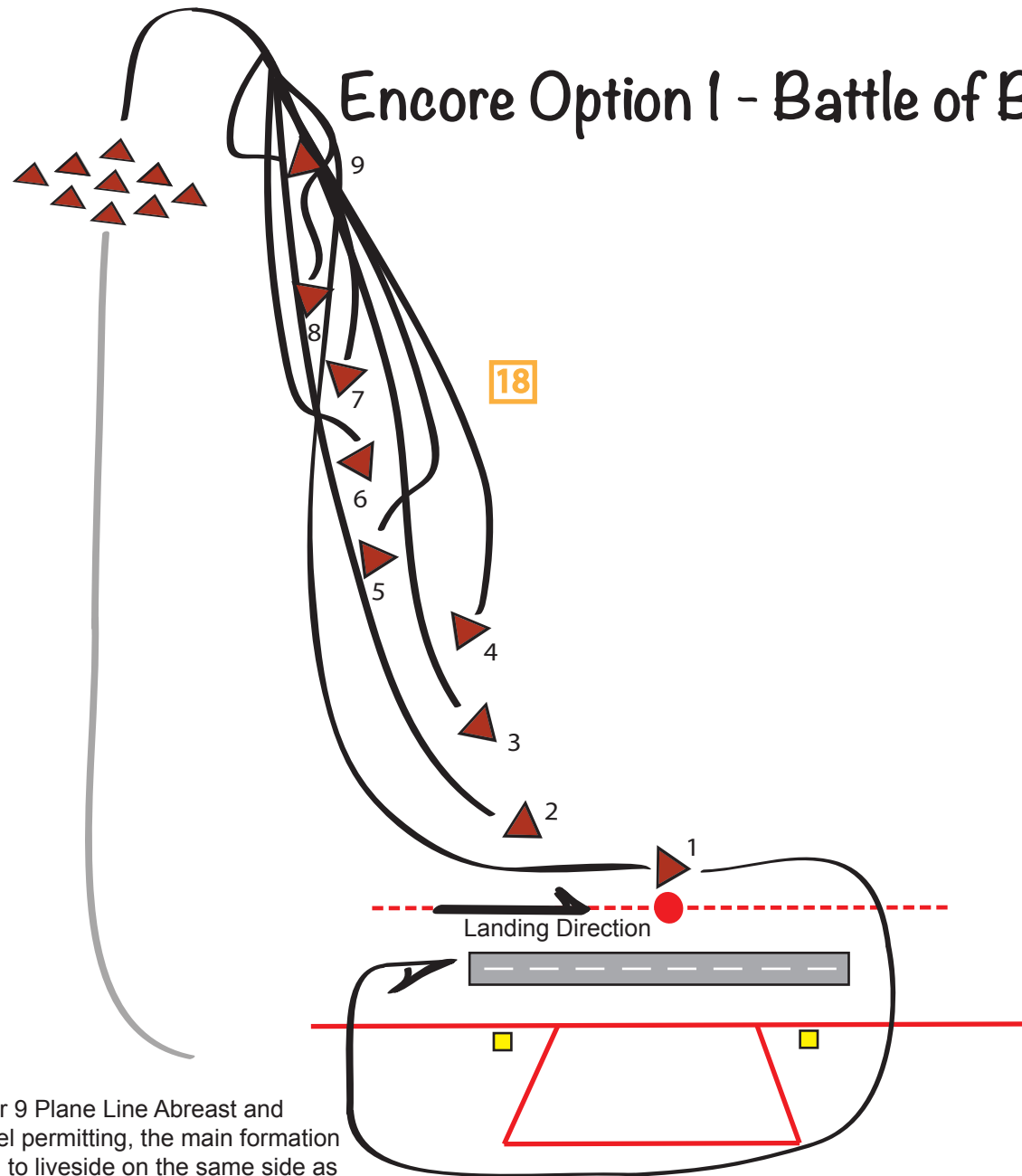
**15** The formation repositions via a left turn and a change to Big Vic is called.

**16** The formation is called to 9 Plane Line Abreast prior to the 1500' showline and run-in overhead the crowd to exit deadside. 44.b.(3)(e)

**17** The formation is called to Big Diamond and configures for landing via a left or right 270 degree turn.

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Encore Option 1 - Battle of Britain

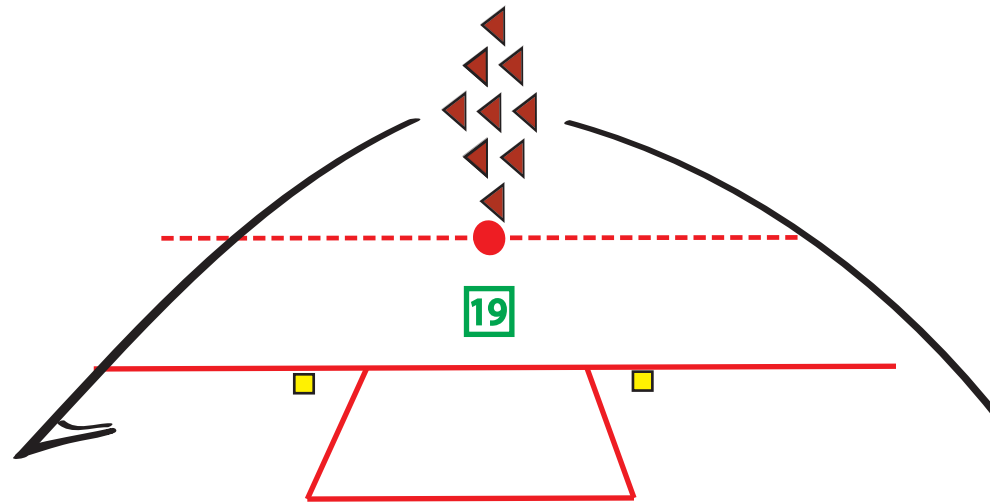


**18** Alternatively, after 9 Plane Line Abreast and show site/time/fuel permitting, the main formation continues around to liveside on the same side as the intended direction of landing, spreads to a 300-2000' trail formation of 1 through 9, and performs a Battle-of-Britain mock dogfight with all aircraft remaining in a fluid manoeuvring trail formation (above ground tracks are only a general depiction of flow) and setting up for a subsequent stream landing. 44.c.(1)(a)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for an aerobatic manoeuvre conducted outside the aerobatic box below an altitude of 1500' AGL. BGA 100 CH 11 Para 44.c.(1)(a)



## Encore Option 2 - Big Diamond Topside Pass



19

Alternatively as an encore option, the formation can perform a Big Diamond Topside pass from either direction (stage right to left depicted here), outside the stage left/right markers and no closer than the 500' show line.



# **431 (AD) SQN 2016**

## **NON-AEROBATIC DISPLAY 1.0**

The following is a pictorial description of the  
2016 Non-Aerobatic Display.

# Notes on Non-Aerobatic Flight over Built-Up Areas

The Non-Aerobatic Display is a series of formation passes, generally over a built-up area or other area where the establishment of a Sterile Air Display Area is neither feasible or impractical. It allows for a limited display of topside passes circling around an “approximate” primary spectator area (PSA, denoted as ● ), while presenting bottomside passes to the surrounding spectator areas outside the immediate PSA.

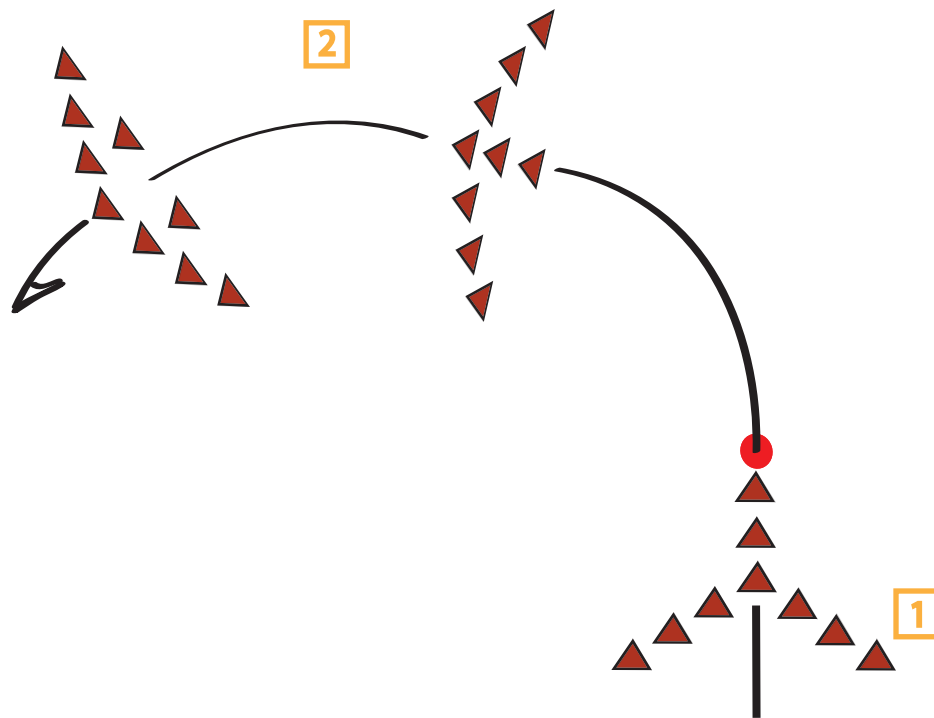
The Non-Aerobatic Display considers three main elements of the Air Display Safety Orders contained in B-GA-100-001/AA-000 Chapter 11 to satisfy non-aerobatic flight over potential display areas and built-up areas. The first two elements fall under permitted manoeuvres, including:  
Para 44.c.(1)(c): *Non-aerobatic manoeuvres by multiple aircraft or aircraft in formation (including 360 degree turns) with an energy vector directed toward the primary spectator area.*  
**(Comd 1 Cdn Air Div approval required)**

Para 48.b.: *Minimum altitudes shall be no lower than 1000 ft above the highest obstacle within a radius of 2000 ft from the aircraft.*



The remaining element considers an allowance for military jet teams to reduce altitudes over built-up areas from that of Para 48.b. above to a minimum **500’AGL** as follows (Para 49.a.):  
*Jet Teams have command-approved manoeuvres packages that are accepted by the FAA and 1 Cdn Air Div. These manoeuvres packages describe each demonstration manoeuvre in detail and specify egress/ingress routes. Flight over built-up areas (congested areas in United States) adjacent to the flying display areas (during ingress/egress) shall be carried out as follows:*

*a. Military Jet Teams are authorized to fly as low as 500 feet above the highest obstacle along the aircraft track within 3 nautical miles (nm) of show centre.*

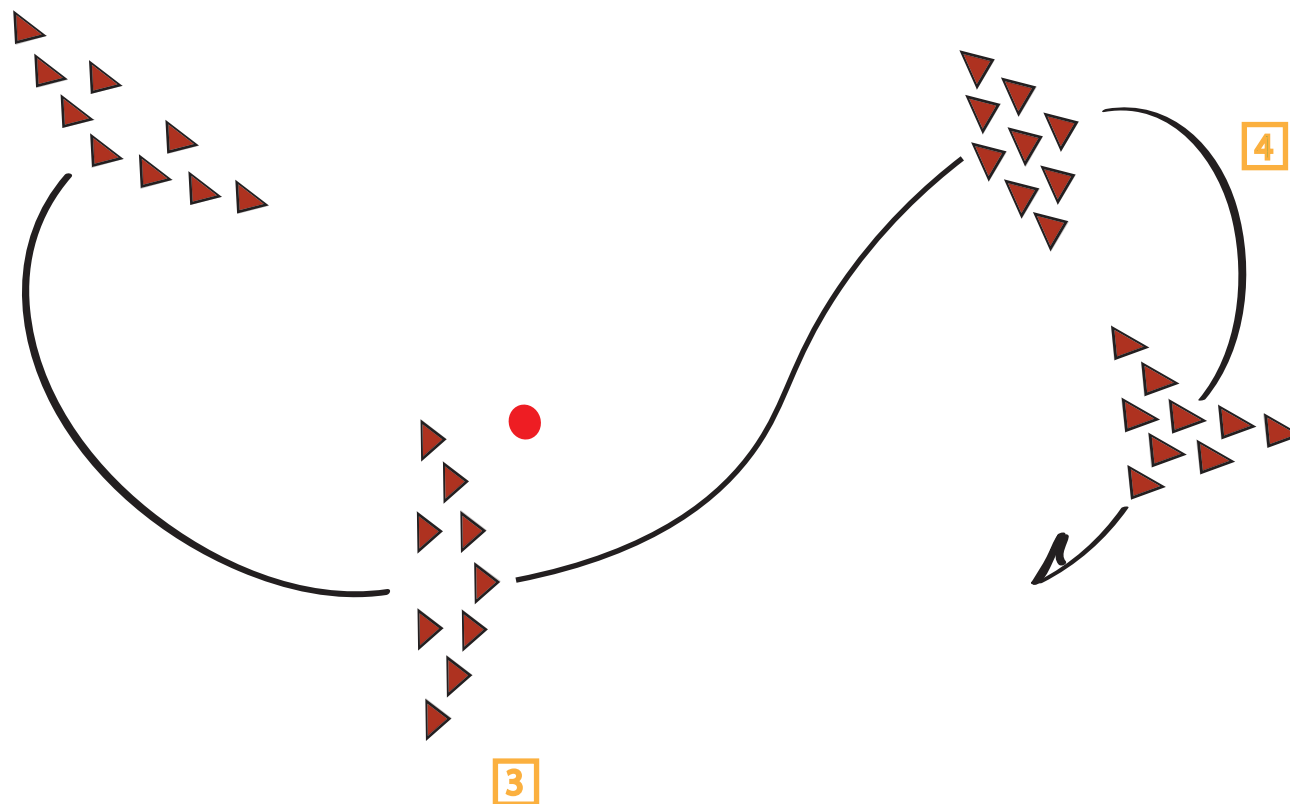
# Canada Goose Change Arrowhead Change Big Wedge



- 1** The formation approaches from deadside overhead the crowd in Canada Goose formation. 44.b.(3)(e), c.(1)(c)
- 2** The formation commences a left hand repositioning turn and changes through Arrowhead to Big Wedge. 44.c.(1)(c)

-  Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)
-  Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Big Wedge Topside

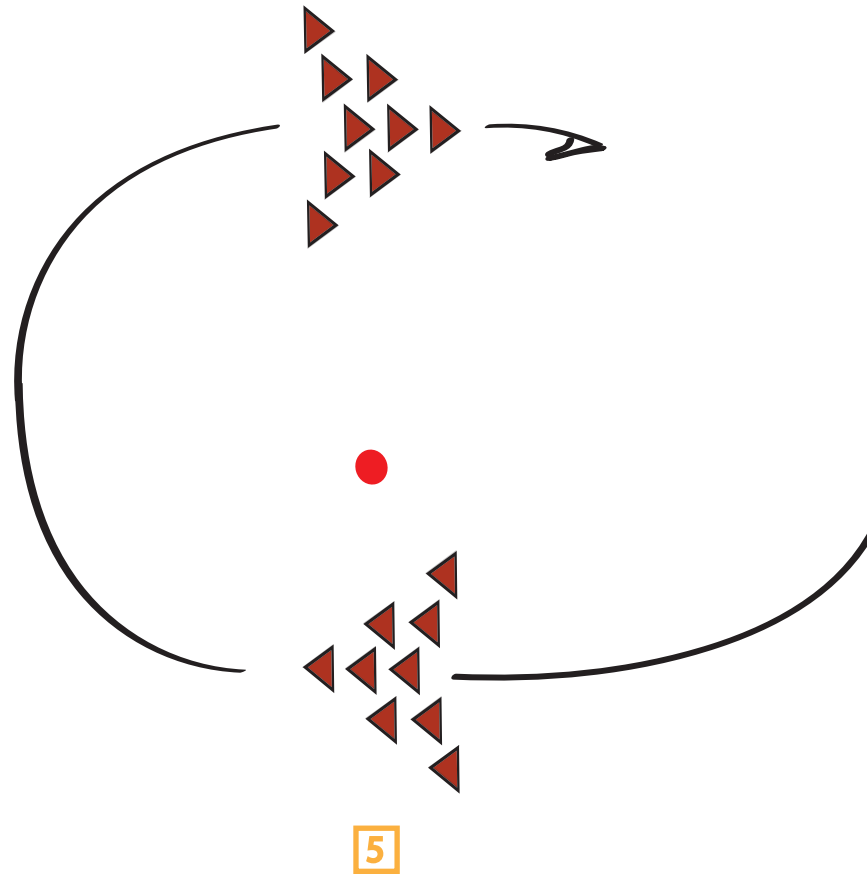


**3** The formation executes a left hand Big Wedge Bottomside Pass. 44.c.(1)(c)

**4** The formation repositions via a climbing right turn and changes to Big Diamond then to Swept Delta. 44.c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

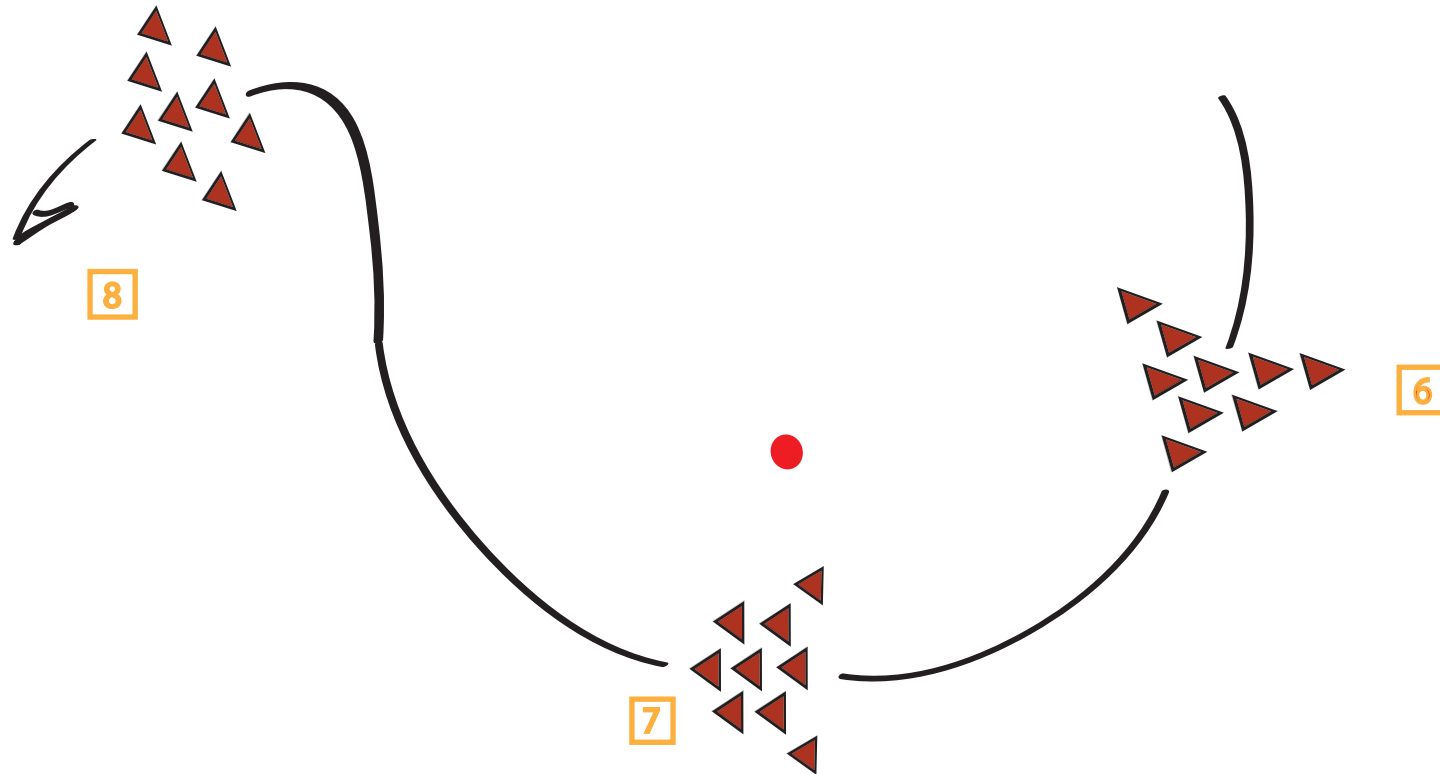
# Swept Delta Topside and Wrap



**5** The formation executes a right hand Swept Delta Topside Pass and wrap. 44.c.(1)(c)

**5** Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Draken Topside



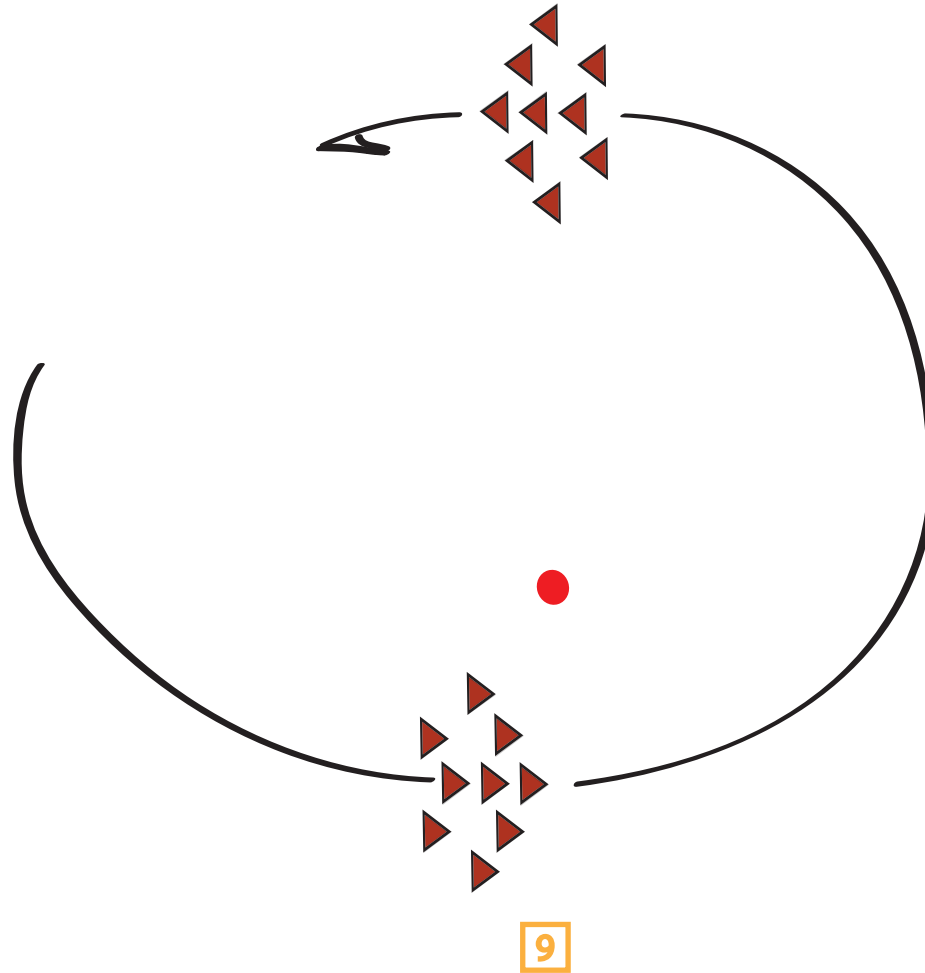
**6** The formation changes from Swept Delta to Draken. 44.c.(1)(c)

**7** The formation executes a right hand Draken Topside Pass. 44.c.(1)(c)

**8** The formation repositions via a climbing left turn and a change to Big Arrow is completed. 44.c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Big Arrow Topside and Wrap



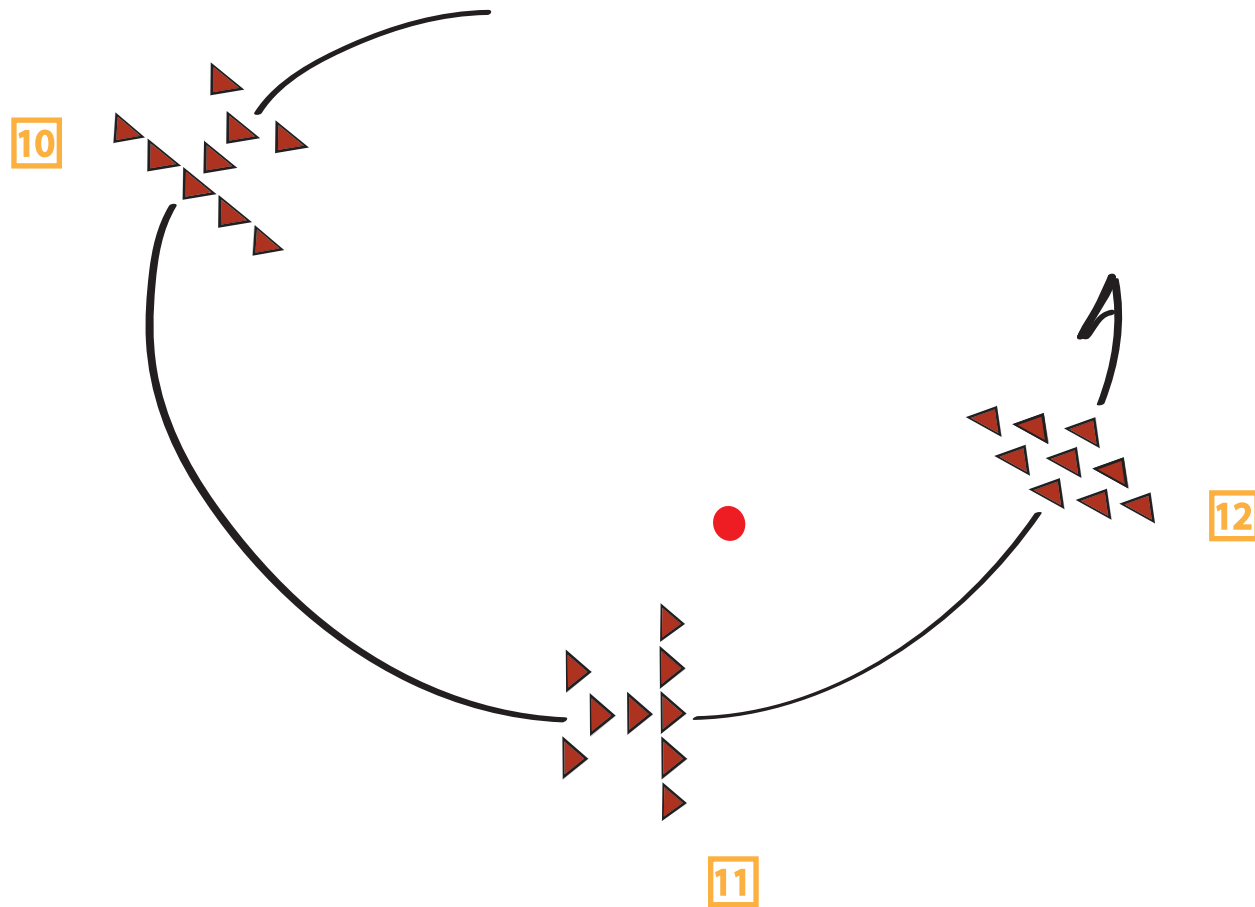
9

The formation completes a Big Arrow Topside Pass and continues around in a left hand wrap. 44.c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)



# Wineglass Topside



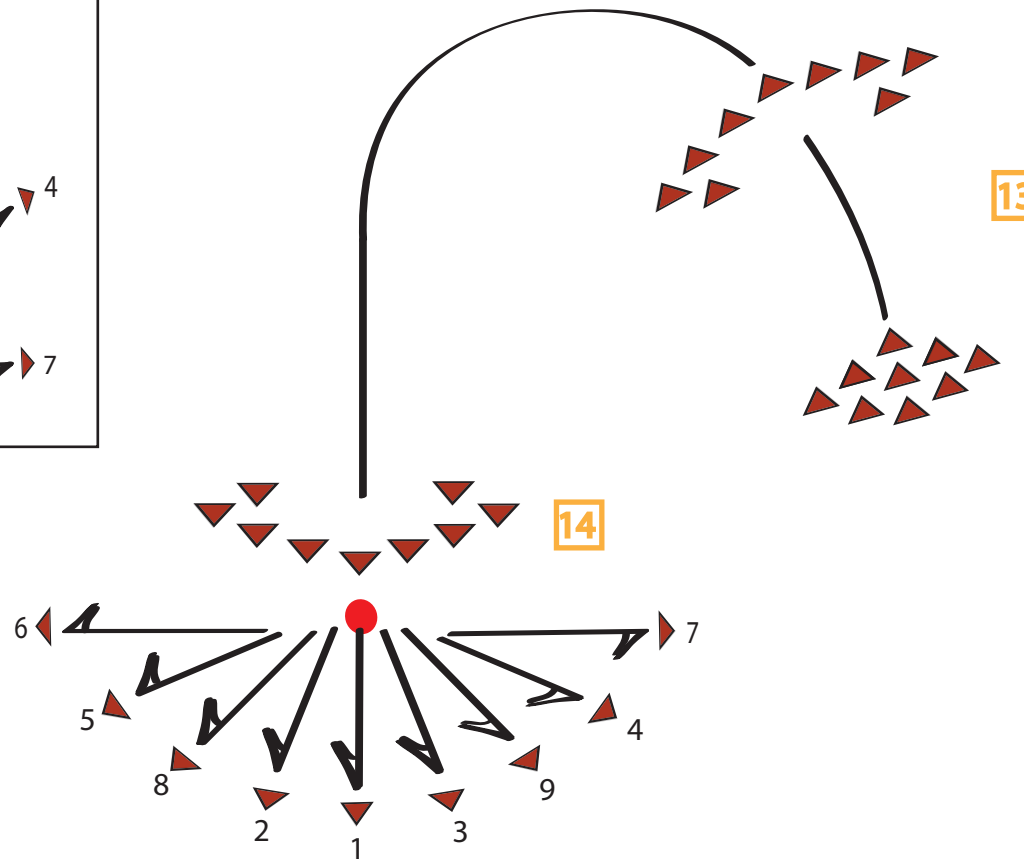
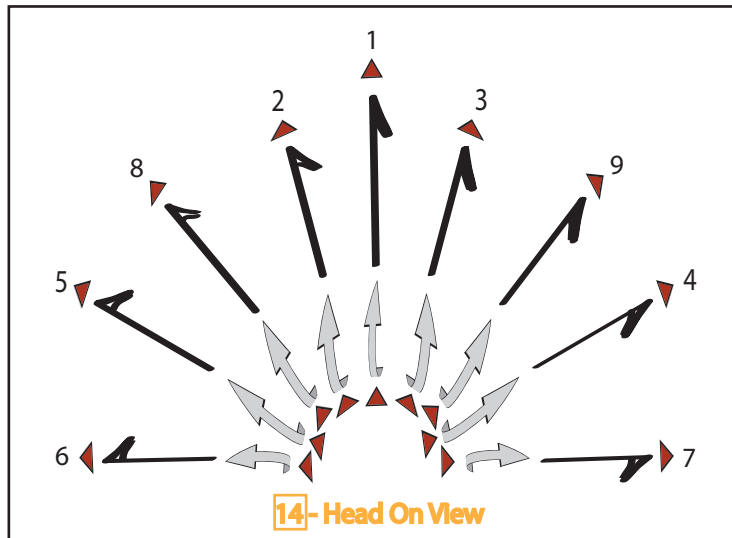
**10** The main formation changes from Big Arrow to Wineglass. 44.c.(1)(c)

**11** The formation executes a Wineglass Topside Pass. 44.c.(1)(c)

**12** The formation changes to Big Diamond in a left hand repositioning turn. 44.c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Maple Split



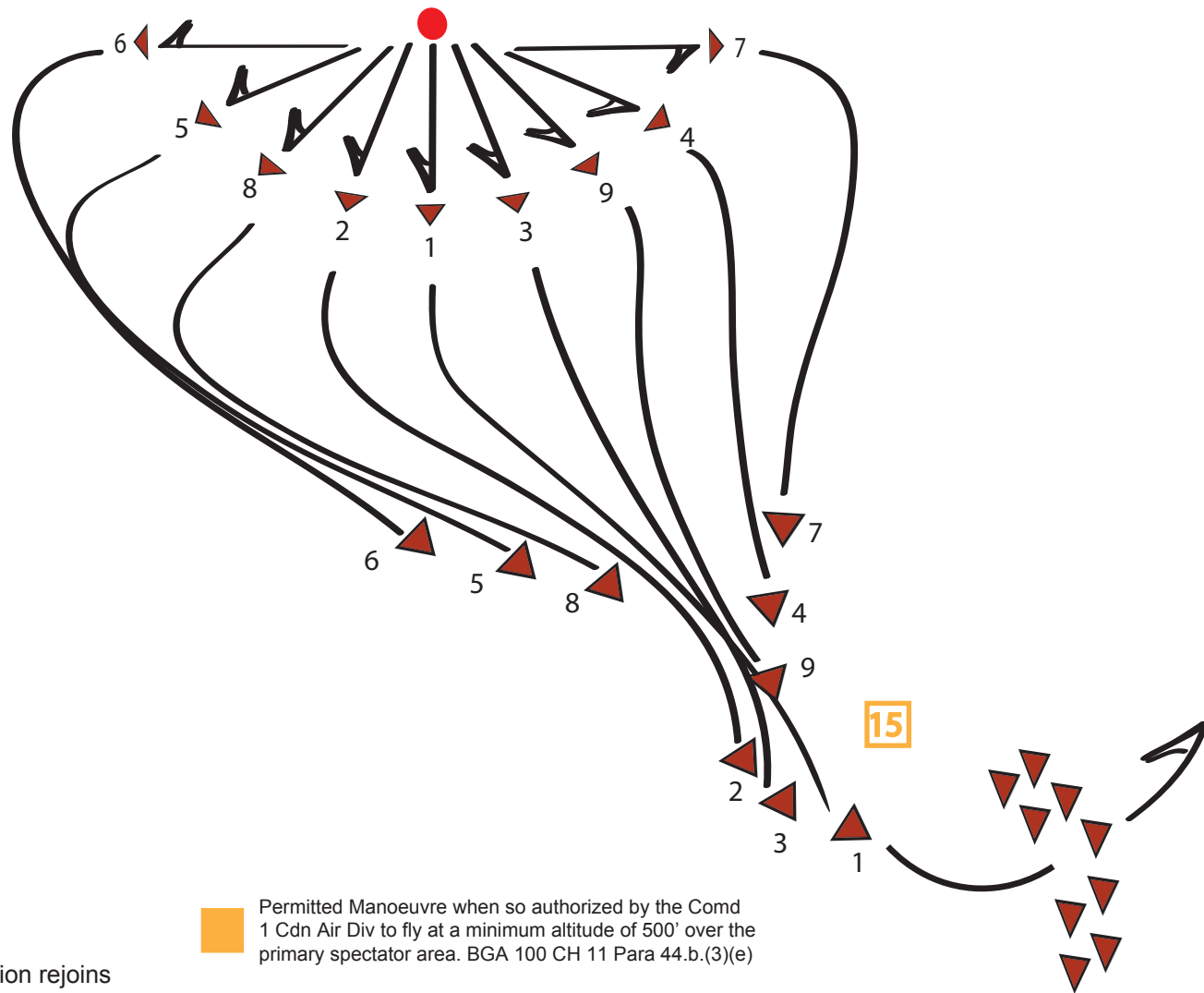
**13** The formation repositions and changes to Maple. 44.c.(1)(c)

**14** The formation is split via an outward, non-aerobatic variant of the Maple Split as depicted. 44.b.(3)(e), c.(1)(c)

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Maple Split Rejoin



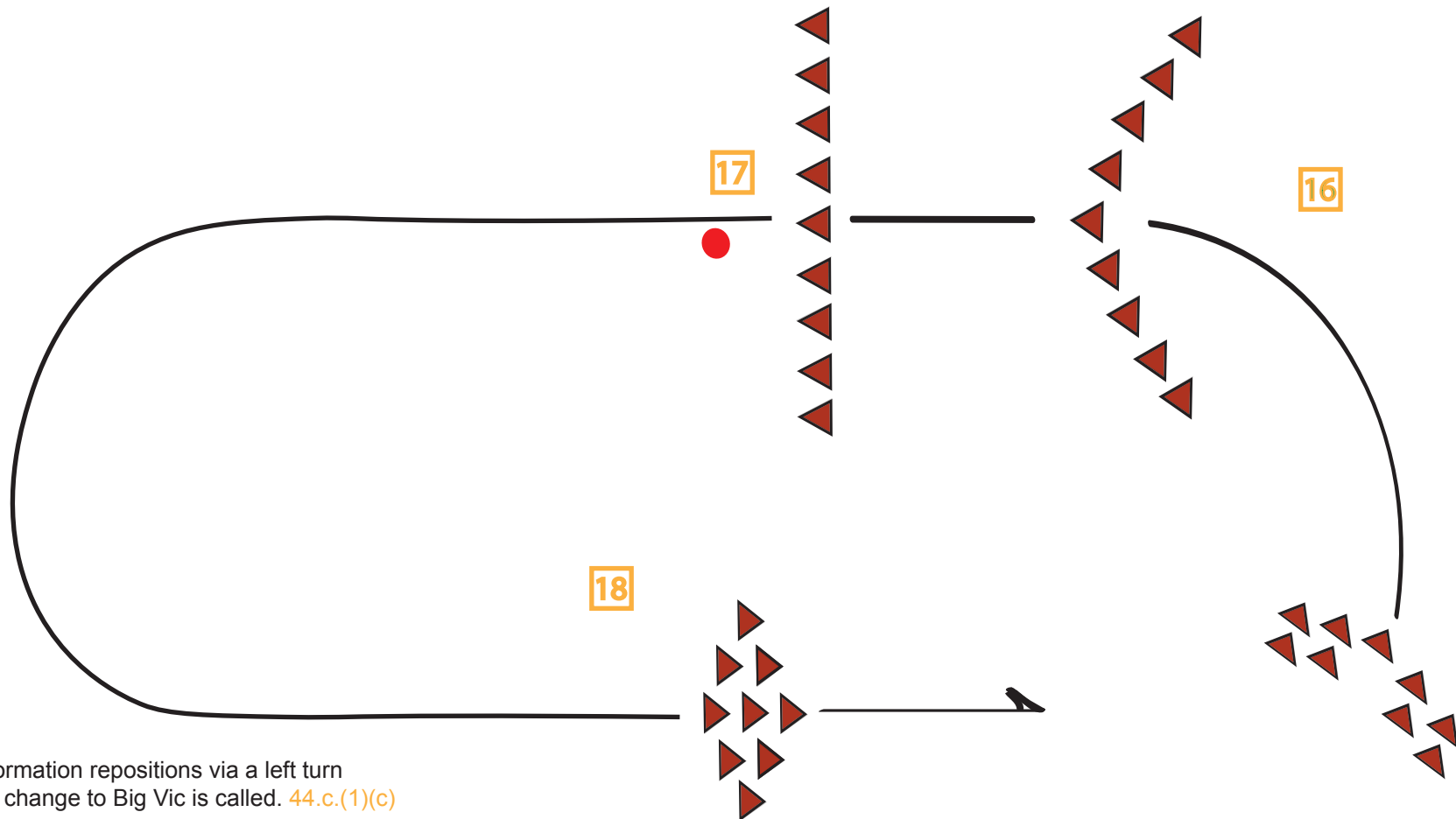
15

Following the Maple Split the formation rejoins to Palm via a left-hand collecting turn.  
44.b.(3)(e), c.(1)(c)

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# 9 Plane Line Abreast



**16** The formation repositions via a left turn and a change to Big Vic is called. 44.c.(1)(c)

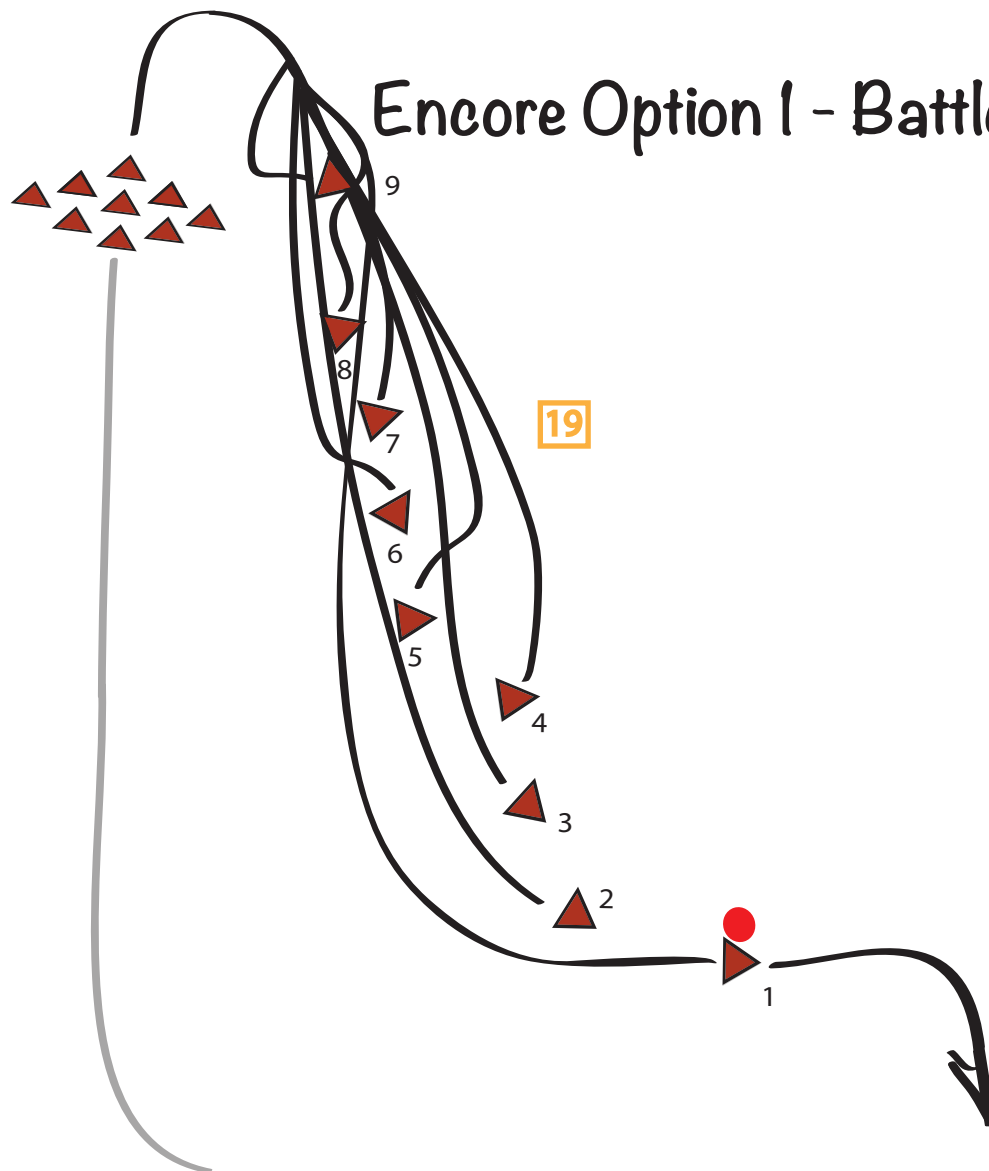
**17** The formation is called to 9 Plane Line Abreast and passes overhead. 44.b.(3)(e), c.(1)(c)

**18** The formation is called to Big Diamond and continues on to the landing location. 44.c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Encore Option 1 - Battle of Britain

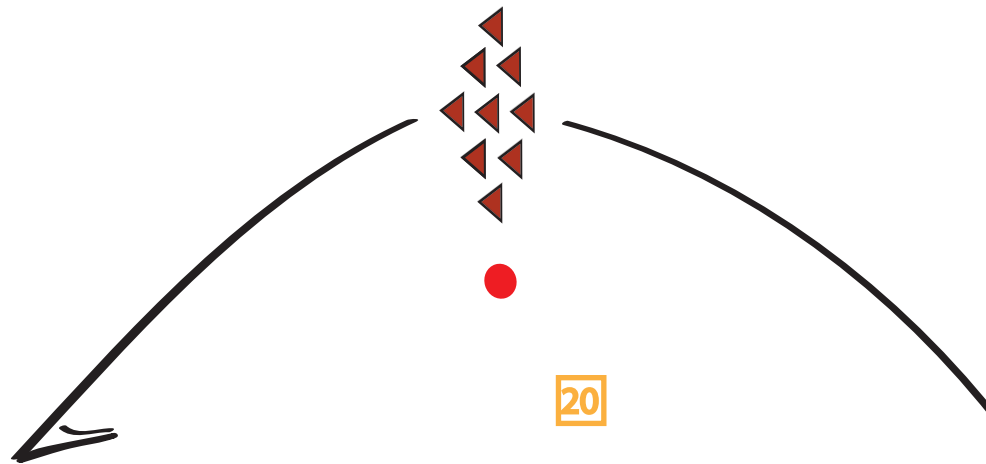


**19** Alternatively, after 9 Plane Line Abreast and show site/time/fuel permitting, the main formation continues around, spreads to a 300-2000' trail formation of 1 through 9, and performs a Battle-of-Britain mock dogfight with all aircraft remaining in a fluid manoeuvring, non-aerobatic trail formation overhead (above ground tracks are only a general depiction of flow) and upon completion aircraft either rejoin or remain in trail for transit to landing location.  
44.b.(3)(e), c.(1)(c)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Encore Option 2 - Big Diamond Topside Pass



**19** Alternatively as an encore option, the formation can perform a Big Diamond Topside pass from either direction (stage right to left depicted here). 44.c.(1)(c)

**20** Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)






# **431 (AD) SQN 2016 High SHOW 1.1**

The following is a pictorial description of the 2016 High Show.

- Annex C
- 3350-2-1 (431 (AD) SQN)
- 15 Jan 16
- C-1/47

## **431 (AD) SQN 2016 HIGH SHOW**

1. The following is a pictorial description of the proposed 2016 High Show.
2. Manoeuvres have been classified as follows:

- Permitted Manoeuvres as per BGA 100 Ch 11 
- Permitted Manoeuvres requiring Comd approval as per BGA 100 Ch 11 
- Prohibited Manoeuvres as per BGA 100 Ch 11 waiver required 



## **Airspace Requirements**

The Snowbirds require a 10 nautical mile (NM) radius centred on Show Centre with a height of 7,500 feet Above Ground Level (AGL).

While a 10 NM radius is preferred, reduced airspace dimensions may be accepted at the discretion of Snowbird 1, the Team Lead. If reduced restricted airspace dimensions are required, organizers are to contact the team for approval and carbon-copy 1 Canadian Air Division.

The ground tracks depicted herein represent the general flow of the main formation, solos, and specialty formations as applicable. Modification of these ground tracks remains at the discretion of Snowbird 1, while retaining the intended flow.

Additionally, Snowbird 1 maintains the ability to omit any sequences laid out in this manoeuvres package in order to meet the desired conclusion for any show.

## **Weather Limits**

The weather limits for each of the Snowbirds performances are:

High Show	4500 feet* ceiling and 3 statute miles (SM) visibility
Low Show	1500 feet ceiling and 3 SM visibility
Flat Show	1000 feet ceiling and 3 SM** visibility

Should weather conditions dictate, it is at the discretion of Snowbird 1 to switch between High Show, Low Show and Flat Show manoeuvres. Asterisks above denote requested deviations to retain operational flexibility as follows:

\*Less than the BGA 100 Ch 11 ceiling of 5000 feet; and

\*\*Less than the BGA 100 Ch 11 visibility of 5 SM.

## **Sterile Air Display Area**

The Snowbirds require a sterile area (no persons other than essential personnel are allowed into this area, known as the Sterile Air Display Area, SADA) as detailed in the diagram below. Security personnel must block access roads that may enter or cross this area. Any buildings that lie within this area must be vacant. These measures must be in place prior to the Snowbirds performing. This includes all practice days as well as performances. This SADA is often referred to as the “Show Box.”

The markers used to display the Show Line must be discernible at least 2 SM from Show Centre at an altitude of 300’ AGL. The Crowd Left and Crowd Right markers must be clearly visible from the highest altitude required by the applicable team.

The barrier defining the Crowd Line must not be closer than 500 ft from the closest active runway. As our aircraft occasionally manoeuvre to the rear of the crowd, the Crowd Line shall be no longer than 5,000 ft.



## **Aerobatic Manoeuvring**

The majority of Snowbird aerobatic manoeuvring takes place within the Sterile Air Display Area (SADA) commencing no lower than **300'AGL** and apexing no higher than **1500'AGL** (Low Show) and **4500'AGL** (High Show) respectively. Aerobatic manoeuvres which take place outside the SADA (such as the Heart) commence no lower than **500'AGL** and become aerobatic passing **1500'AGL**. Apex altitudes for both the Low and High Shows remain the same. Additionally, some show sites have built-up areas near the SADA that underlie flight paths depicted herein. To maintain safe and scripted flows as described below, on occasion aerobatic manoeuvring above **1500'AGL** and over built-up areas would be required, as permitted in BGA 100 with Comd 1 Cdn Air Div approval. In four instances, aerobatic manoeuvring will take place outside the SADA between **500'AGL** and **1500'AGL**:

- Twizzle Roll (#19 High Show, #19 Low Show) - Snowbirds 8 and 9 execute single point rolls prior to crossing and turning onto the Show Line;
- Stem Drop (#37 Low Show) - Snowbird 4 and 5 execute a climbing barrel roll after leaving the main formation;
- Lagback Cross (#40 High Show, #47 Low Show) - Snowbird 7 executes 2 barrel rolls prior to calling the split; and
- Battle-of-Britain (#63 High Show, #67 Low Show) - All Snowbirds approach the SADA in trail formation (300-2,000 ft), individually manoeuvring towards the Show Line. Aircraft may be manoeuvring aerobatically prior to paralleling the Show Line in preparation for landing.

## **Ingressing/Egressing the SADA**

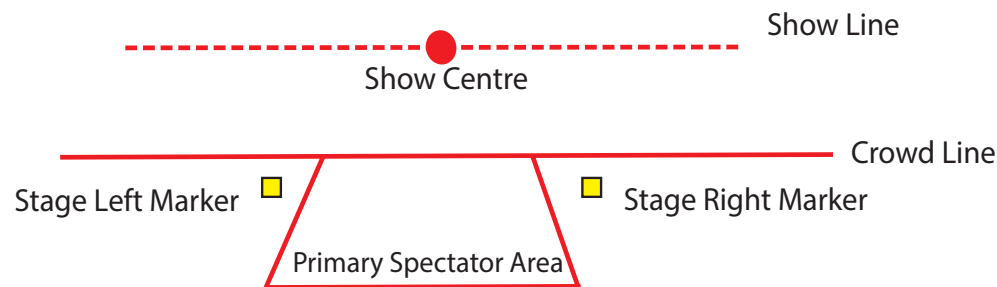
When ingressing towards the SADA, all Snowbird ingress altitudes shall be a minimum of **500'AGL** above the highest obstacle along the aircraft track. Similarly, when egressing the SADA, all Snowbird egress altitudes shall be a minimum of **500'AGL** to climbing. When there is a need to ensure safe separation between formation elements egressing the SADA and those awaiting ingress, altitude blocks are prebriefed accordingly.

## Primary Spectator Area (PSA)

All Snowbird aerobatic manoeuvring shall take place a minimum of 1500 ft (Show Line) laterally from the Crowd Line. Airspace in front of the crowd is referred to as “liveside” while airspace behind the Crowd Line (ie., behind the crowd when they are looking toward the Show Line) is referred to as “deadside.” All aircraft exiting towards the crowd deadside shall maintain a minimum lateral separation of 500 ft (Stage Markers) from the left/right physical boundaries of the PSA.

On occasion, Snowbird aircraft require flight directly overhead the PSA when entering/exiting the Sterile Air Display Area. Pending Comd approval of these permitted manoeuvres (per BGA 100 Ch 11), all aircraft shall fly no lower than **500'** AGL overhead the crowd in a wings level or level to climbing orientation.

The PSA, Show Line, Show Centre and Stage Left/Right Markers will be depicted as follows throughout this presentation:

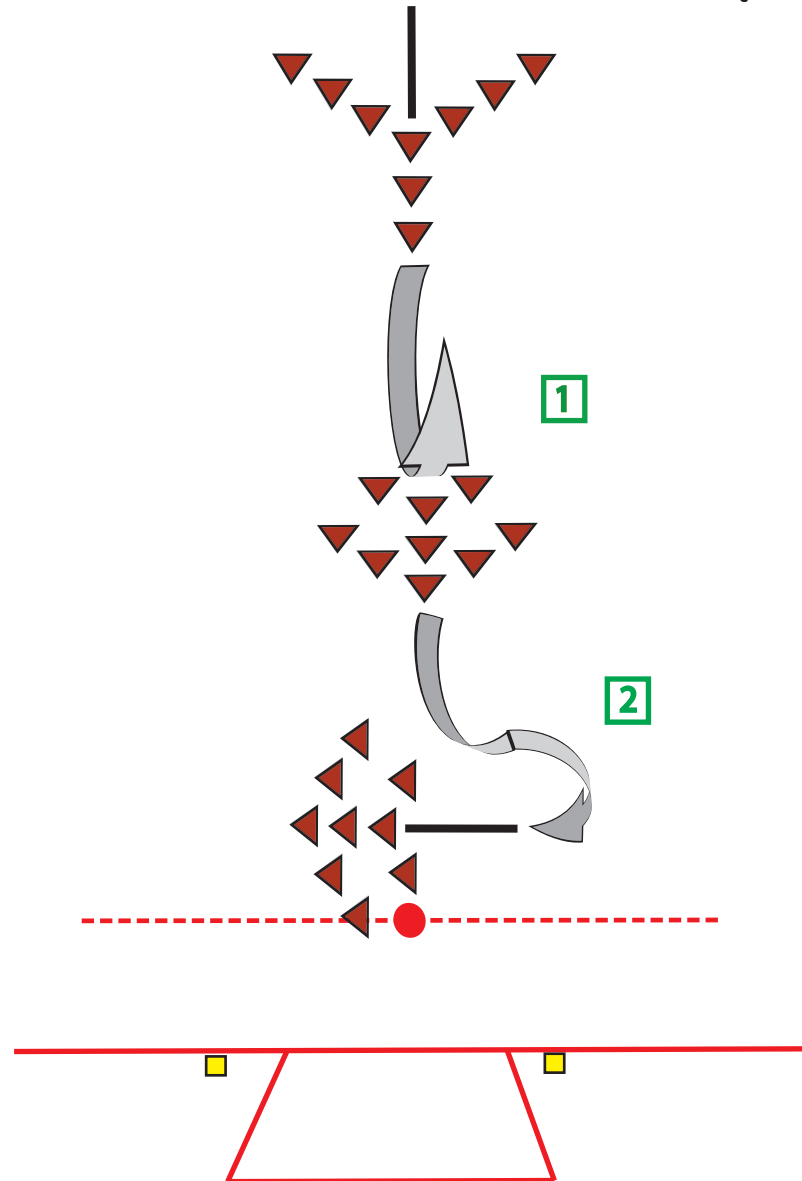




# 431 (AD) SQN 2016 HIGH SHOW 1.1

The following is a pictorial description of the 2016 High Show.

# Canada Goose Change Big Arrow Loop Clover Left



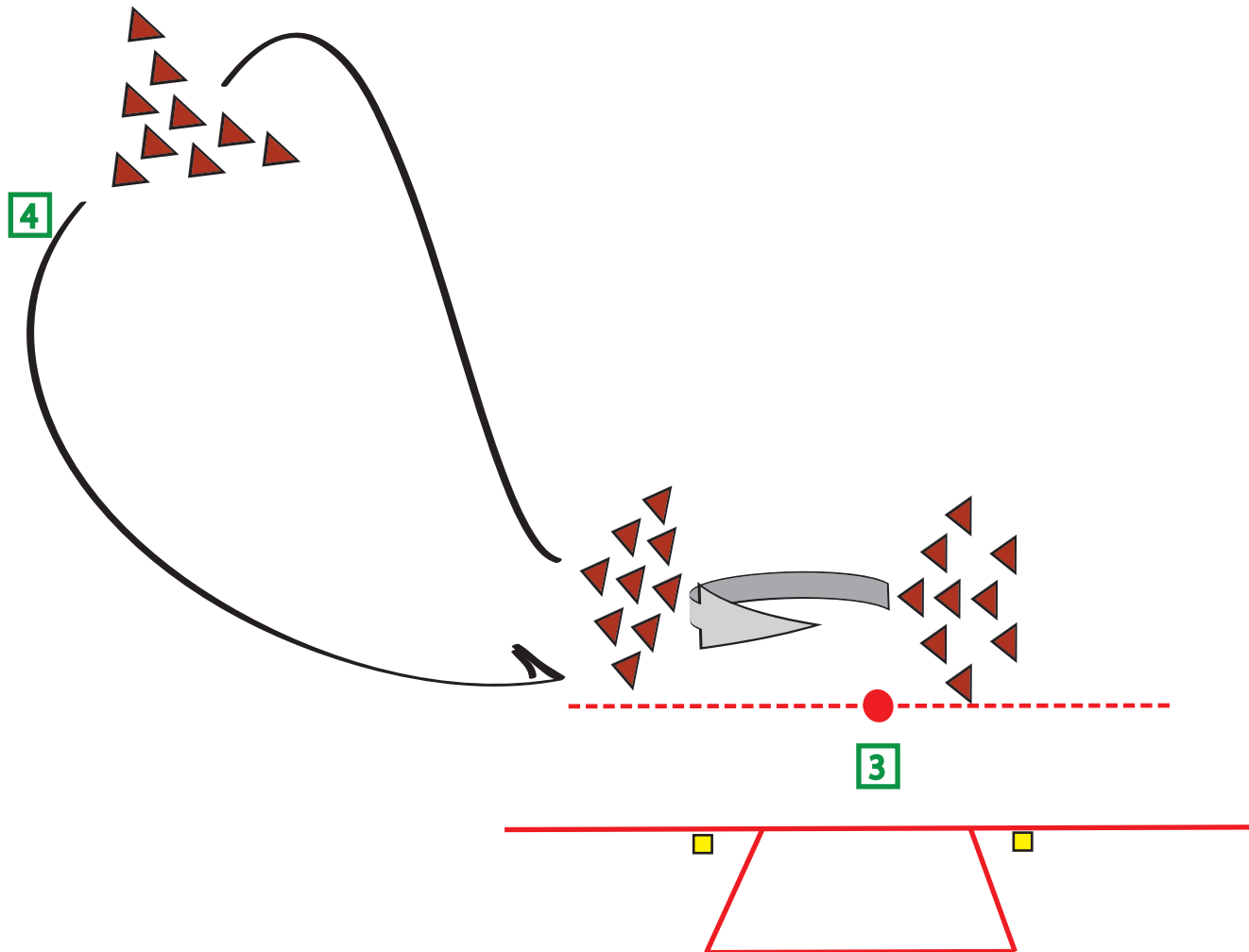
1

The formation approaches from liveside and commences a Canada Goose loop changing to Big Arrow frontside.

2

The formation repositions to the line via a cloverleaf to the left and approaches from stage right in Big Arrow.

# Big Arrow Change Big Diamond Loop

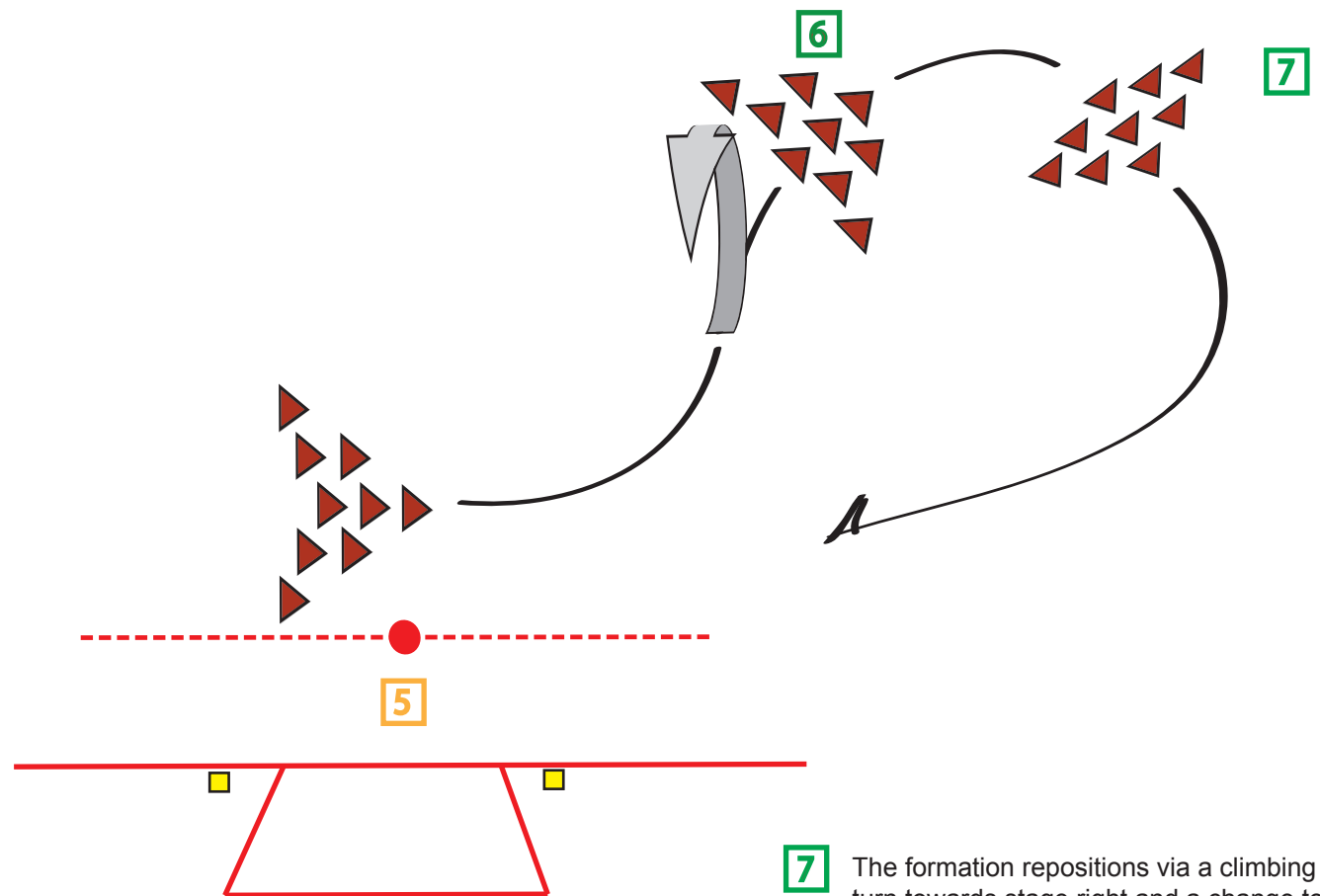


**3** The formation executes a right to left Big Arrow change Big Diamond loop along the show line with a turn down right backside to exit liveside stage left.

**4** The formation repositions via a climbing left turn and a visible change to Swept Delta is called.



# Swept Delta Bottomside Change Draken Loop



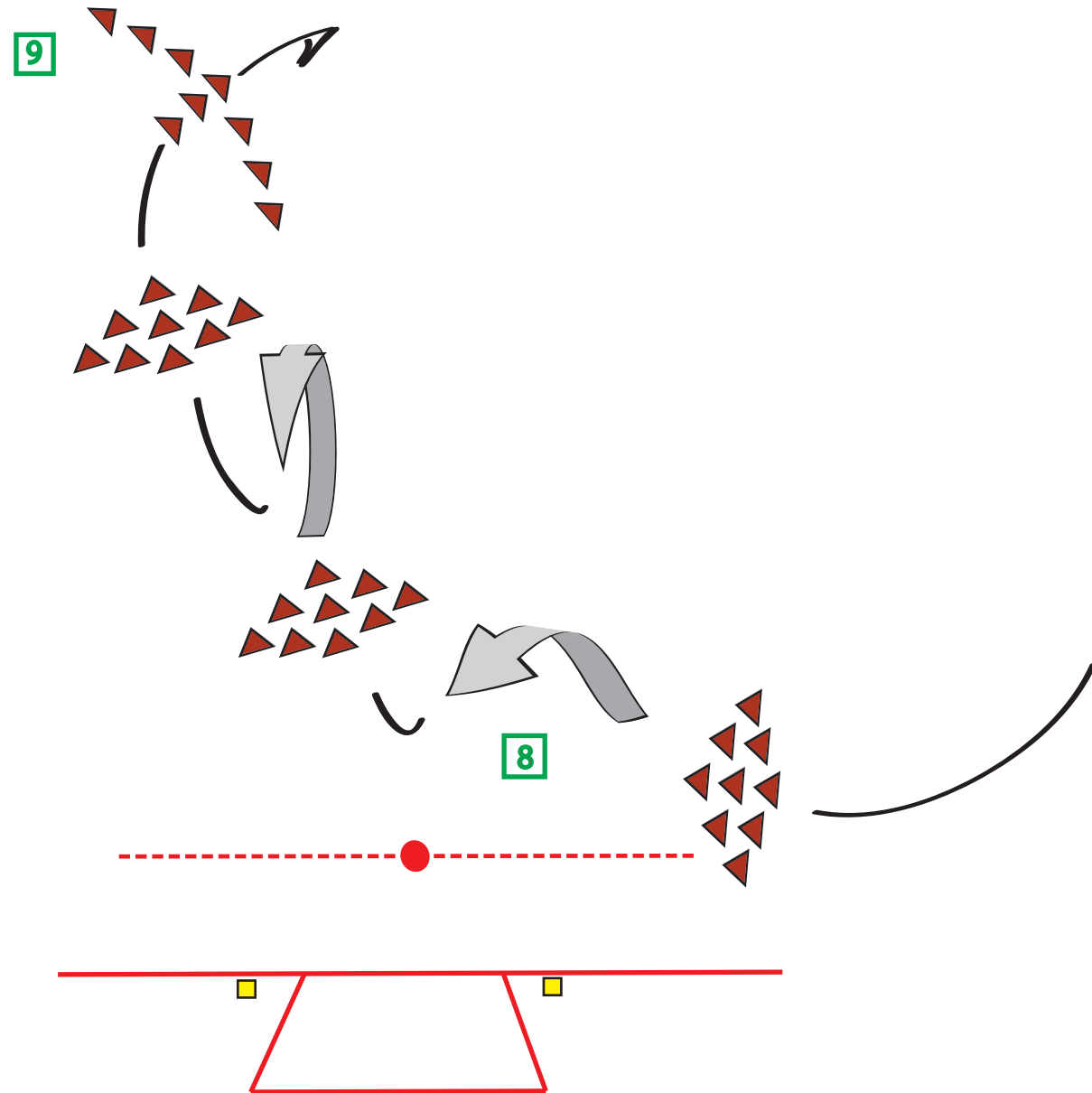
**5** The formation executes a left to right Swept Delta Bottomside Pass. 44.c.(1)(c)

**6** The formation is pulled up into a loop and a change to Draken is executed on the frontside.

**7** The formation repositions via a climbing right turn towards stage right and a change to Big Diamond is called.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

# Big Diamond Combo



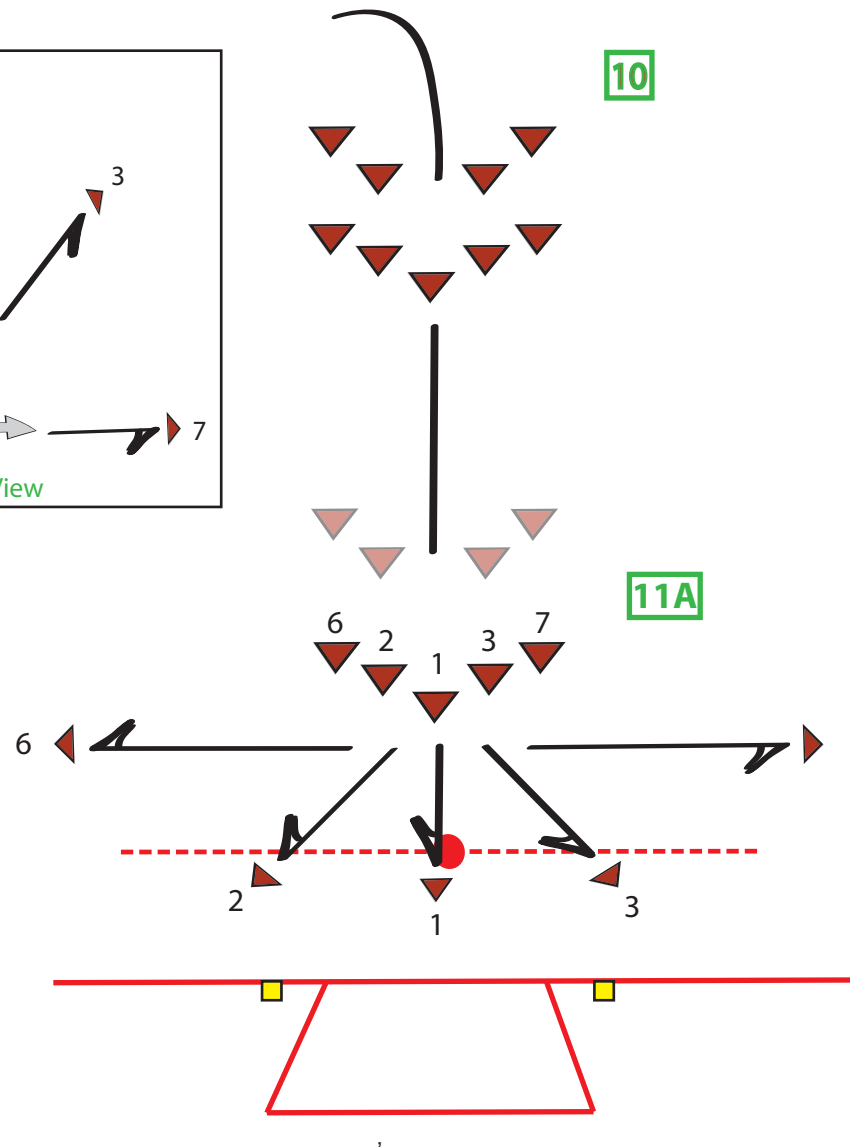
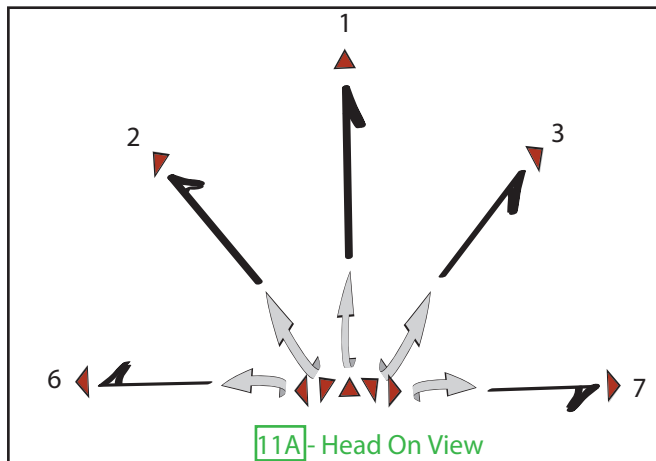
8

The formation enters from stage right in Big Diamond and executes a climbing roll towards the crowd followed immediately by a loop to exit liveside stage left.

9

The formation repositions via a climbing right turn and a change to Arrowhead is called.

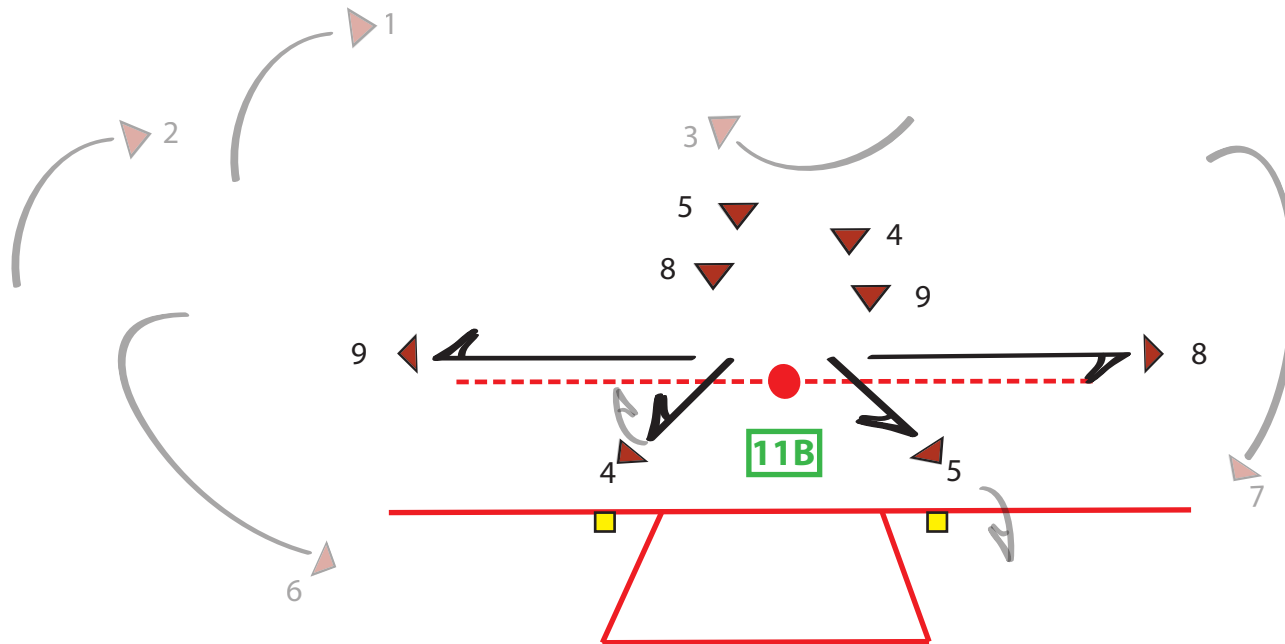
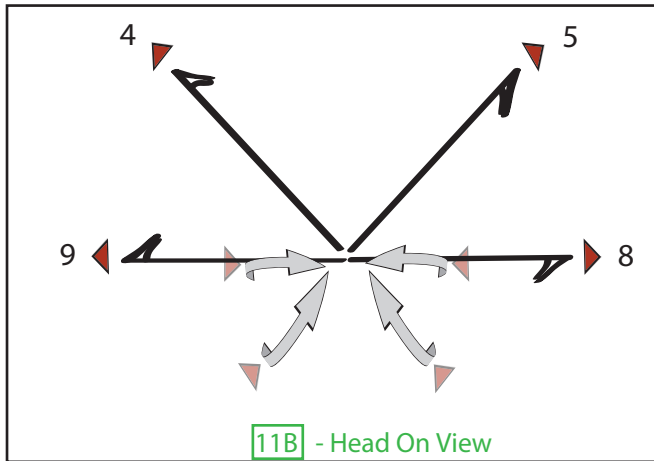
# Commonwealth Split



**10** The formation continues the right turn and changes into two elements in preparation for the Commonwealth Split.

**11A** Prior to the 1500' show line the first element is split via an outward burst as depicted. This is the same split as the 2011 "Hero", 2012 "1812" and 2013 "Platinum" Splits, renamed as the "Commonwealth Split" to coincide with the 2016 season theme.

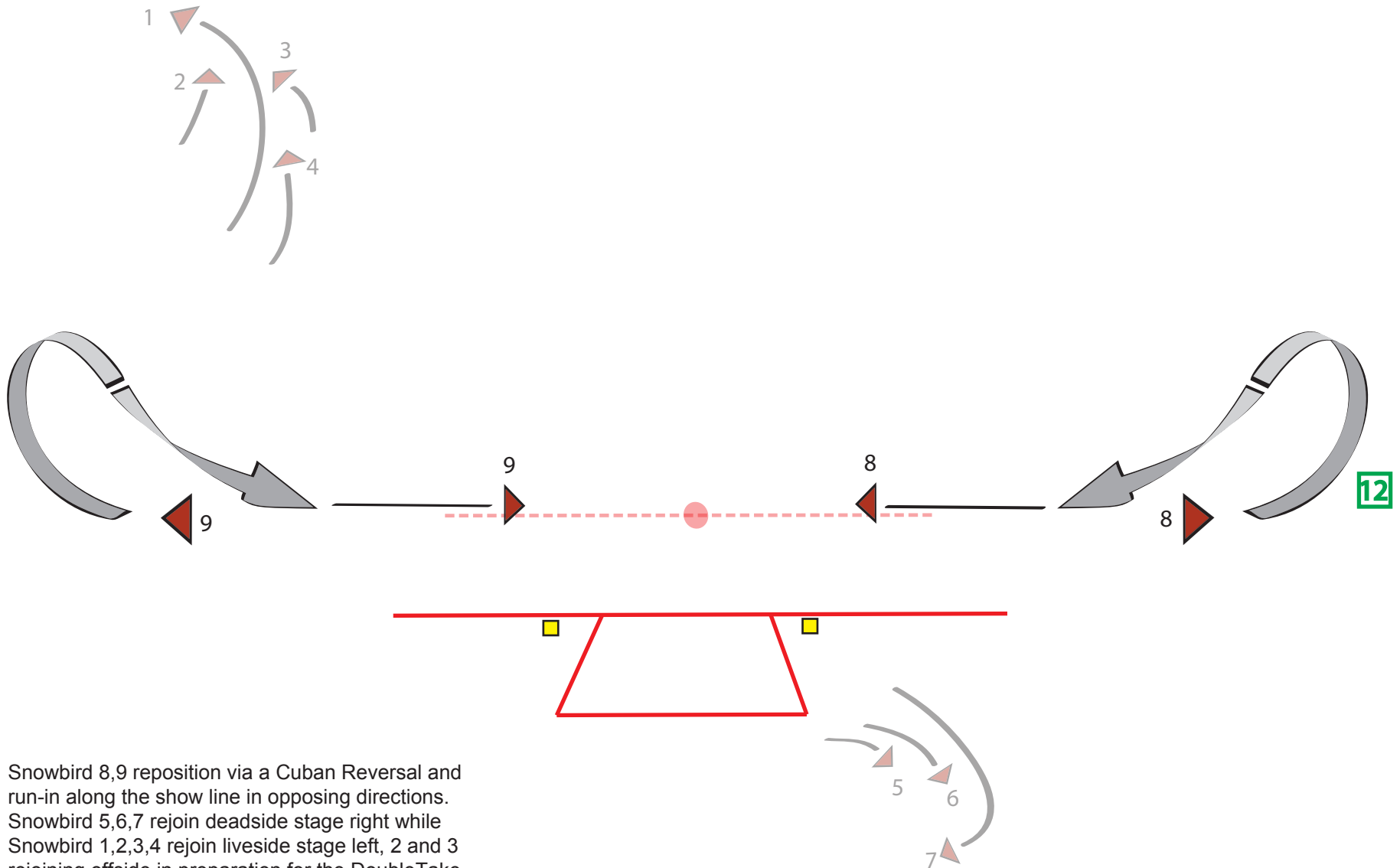
# Commonwealth Split



11B

Prior to the 1500' show line the second element is split via an inward burst as depicted.

# Cuban Reversal

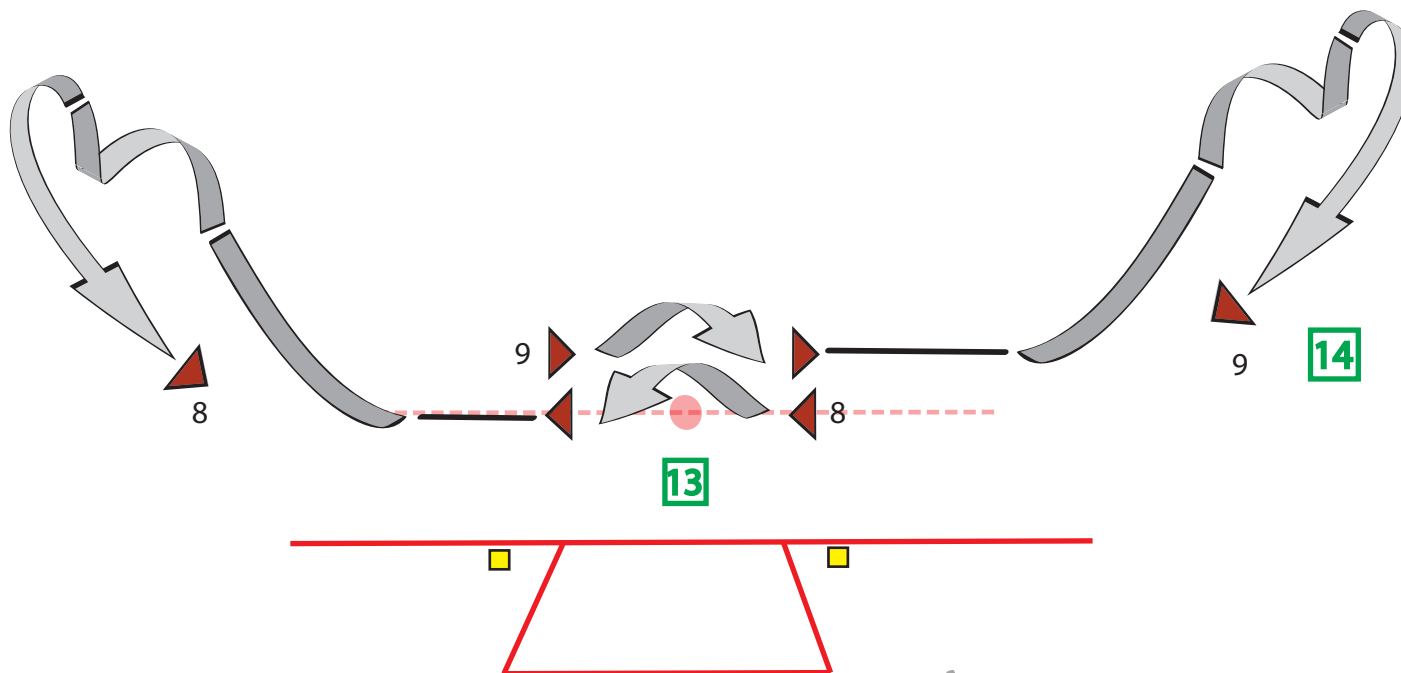
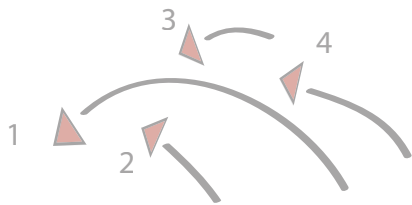


12

Snowbird 8,9 reposition via a Cuban Reversal and run-in along the show line in opposing directions. Snowbird 5,6,7 rejoin deadside stage right while Snowbird 1,2,3,4 rejoin liveside stage left, 2 and 3 rejoining offside in preparation for the DoubleTake.

Annex C 15 Jan 16 Ver 1.1

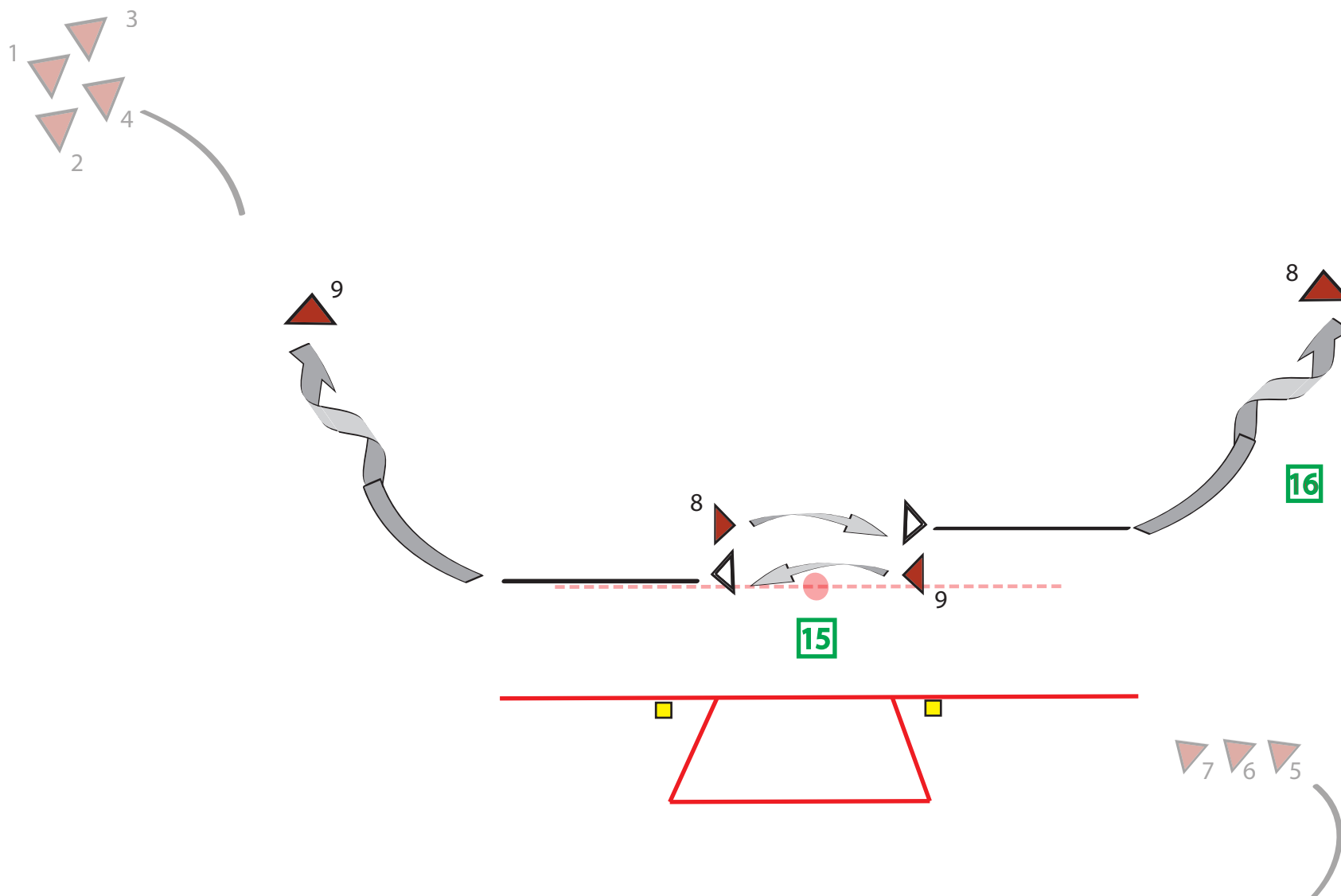
# Level Roll - Vertical Reversal



**13** Snowbird 8,9 run-in along the show line in opposing directions and execute a simultaneous Level Roll.

**14** Snowbird 8,9 reposition via a vertical reversal.

# 1/2 Roll Inverted - Inverted Push



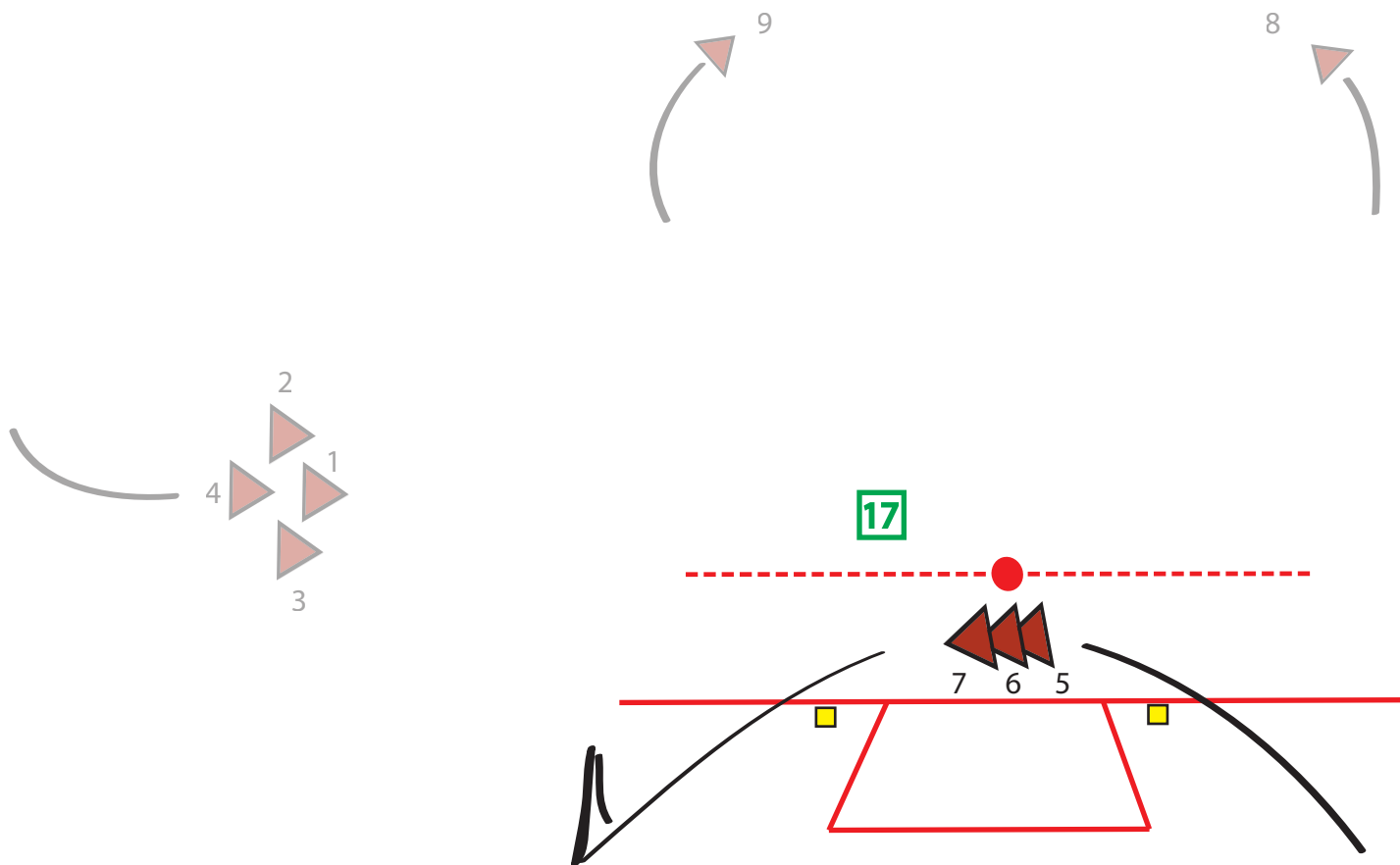
15

Snowbird 8,9 run-in along the show line in opposing directions and execute a simultaneous 1/2 roll to inverted at stage centre.

16

Snowbird 8,9 remain inverted and simultaneously complete an Inverted Push to exit liveside.

# Echelon in Review

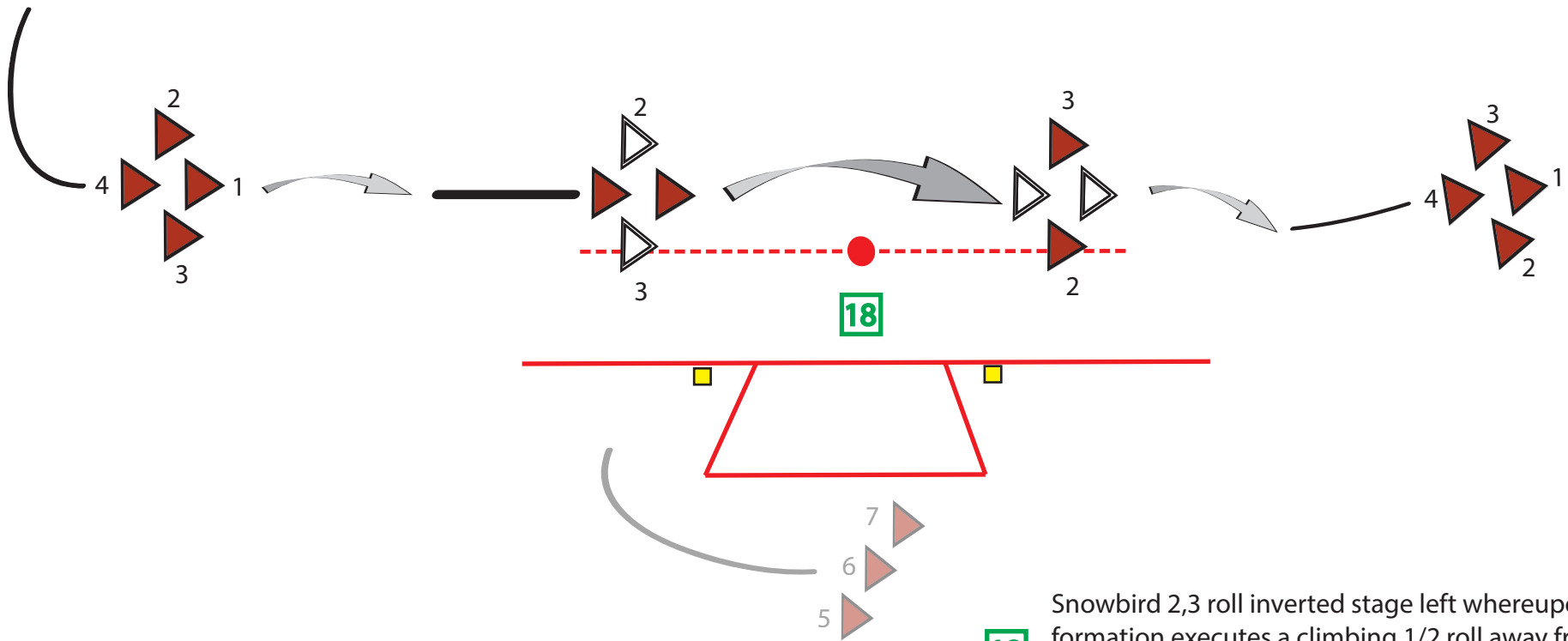
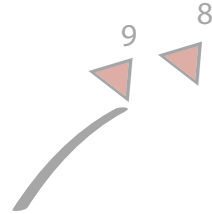


17

Snowbird 7,6,5 execute a right to left Topside (Banana Pass) no closer than the 500' show line.



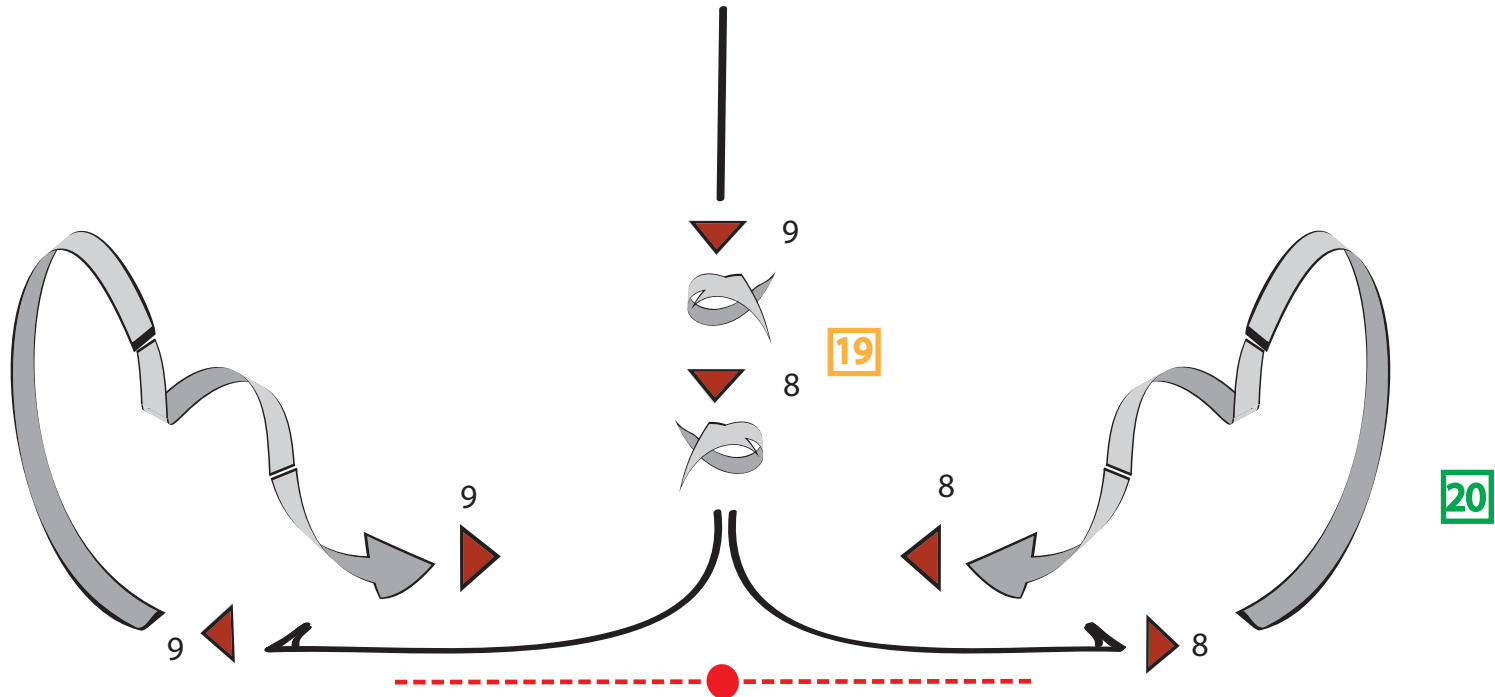
# Double Take



18

Snowbird 2,3 roll inverted stage left whereupon the formation executes a climbing 1/2 roll away from the crowd at stage centre. Snowbird 1,4 roll upright to exit stage right deadside.

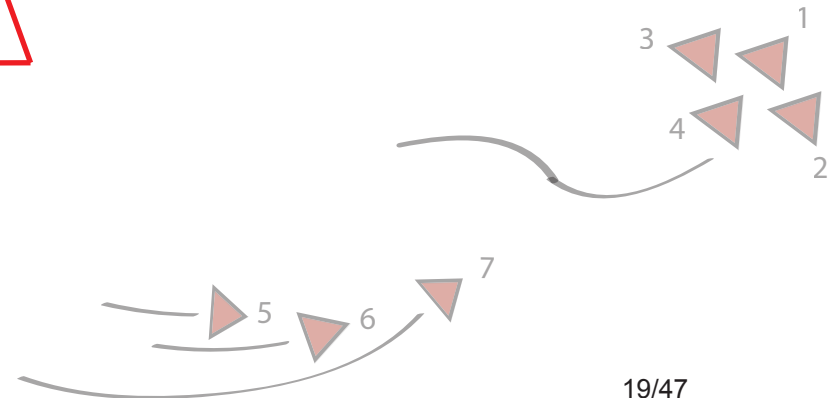
# Twizzle - Pretzel Reversal



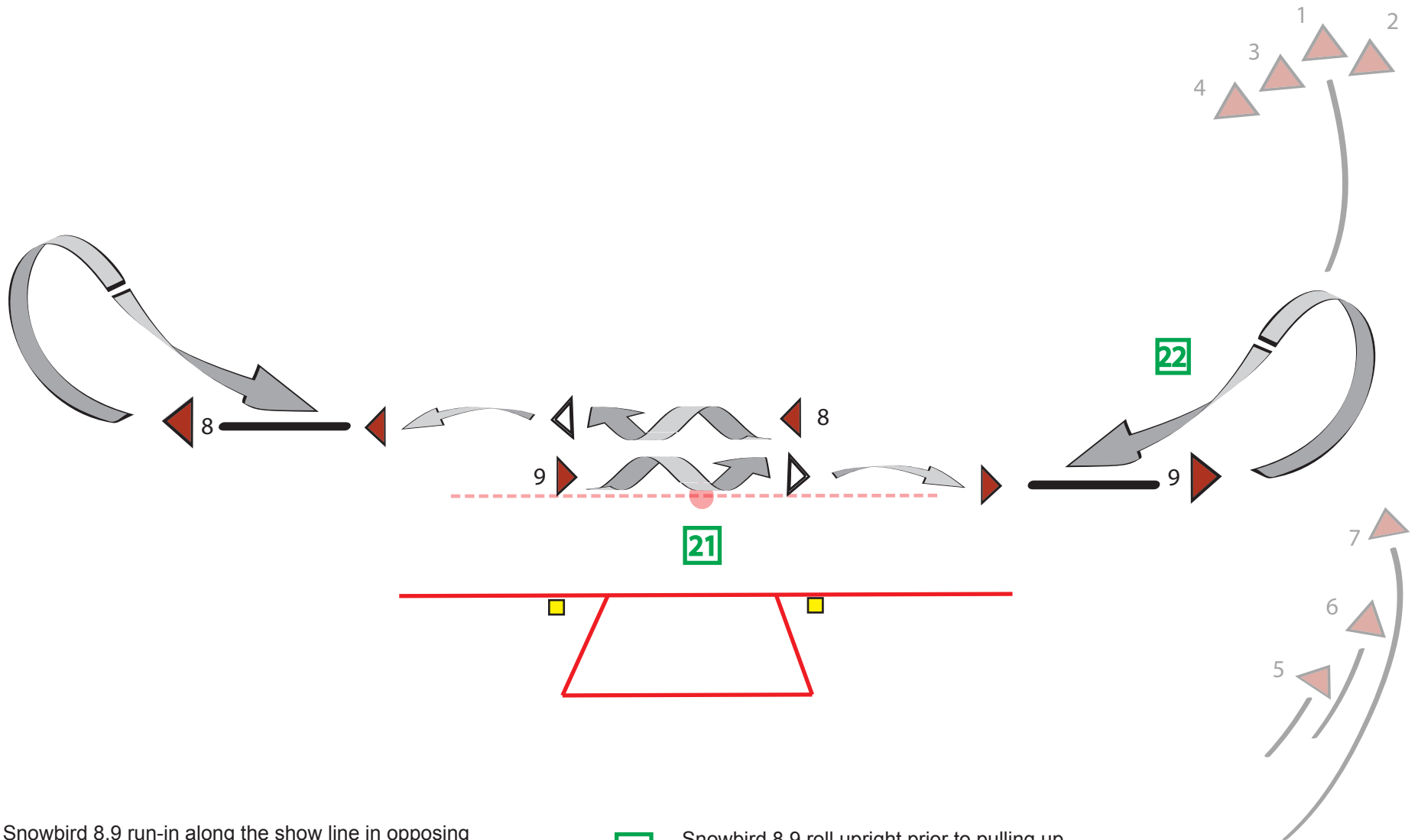
**19** Snowbird 8,9 enter from liveside via the Twizzle Roll onto the line. 44.c.(1)(a)

**20** Snowbird 8,9 reposition via the Pretzel Reversal.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for an aerobatic manoeuvre conducted outside the aerobatic box below an altitude of 1500' AGL. BGA 100 CH 11 Para 44.c.(1)(a)



# 1½ Roll to Inverted - Cuban Reversal



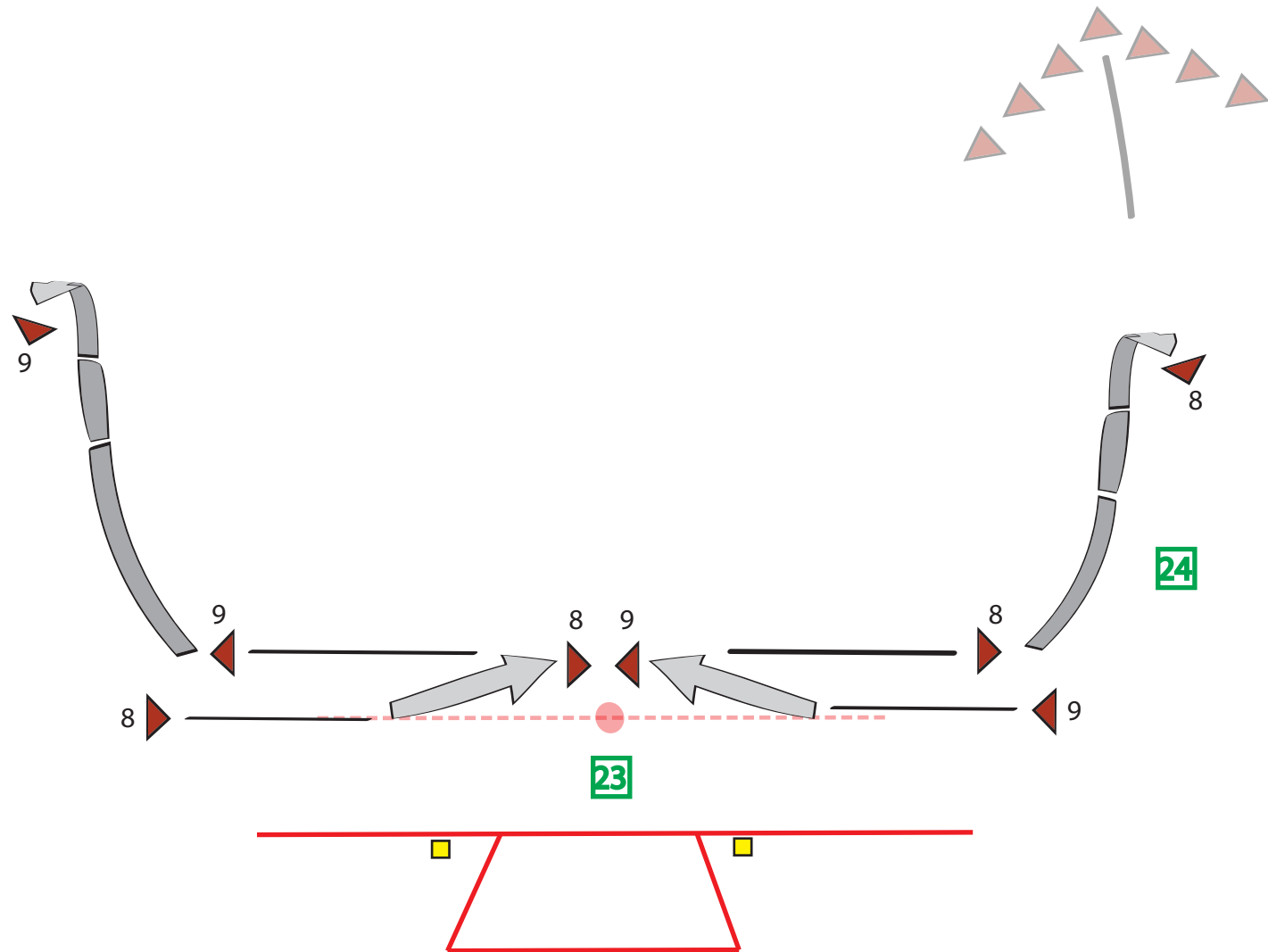
21

Snowbird 8,9 run-in along the show line in opposing directions and execute a simultaneous 1½ roll to inverted at stage centre.

22

Snowbird 8,9 roll upright prior to pulling up simultaneously for the Cuban Reversal.

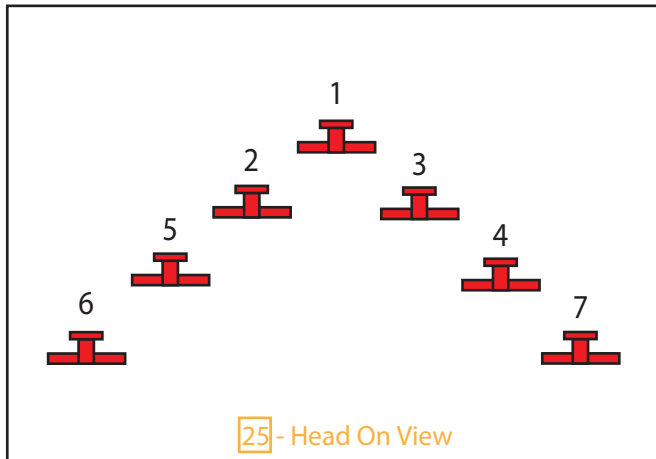
# Knife Edge - Cobra Exit



**23** Snowbird 8,9 run-in along the show line in opposing directions and execute a simultaneous Knife Edge Pass.

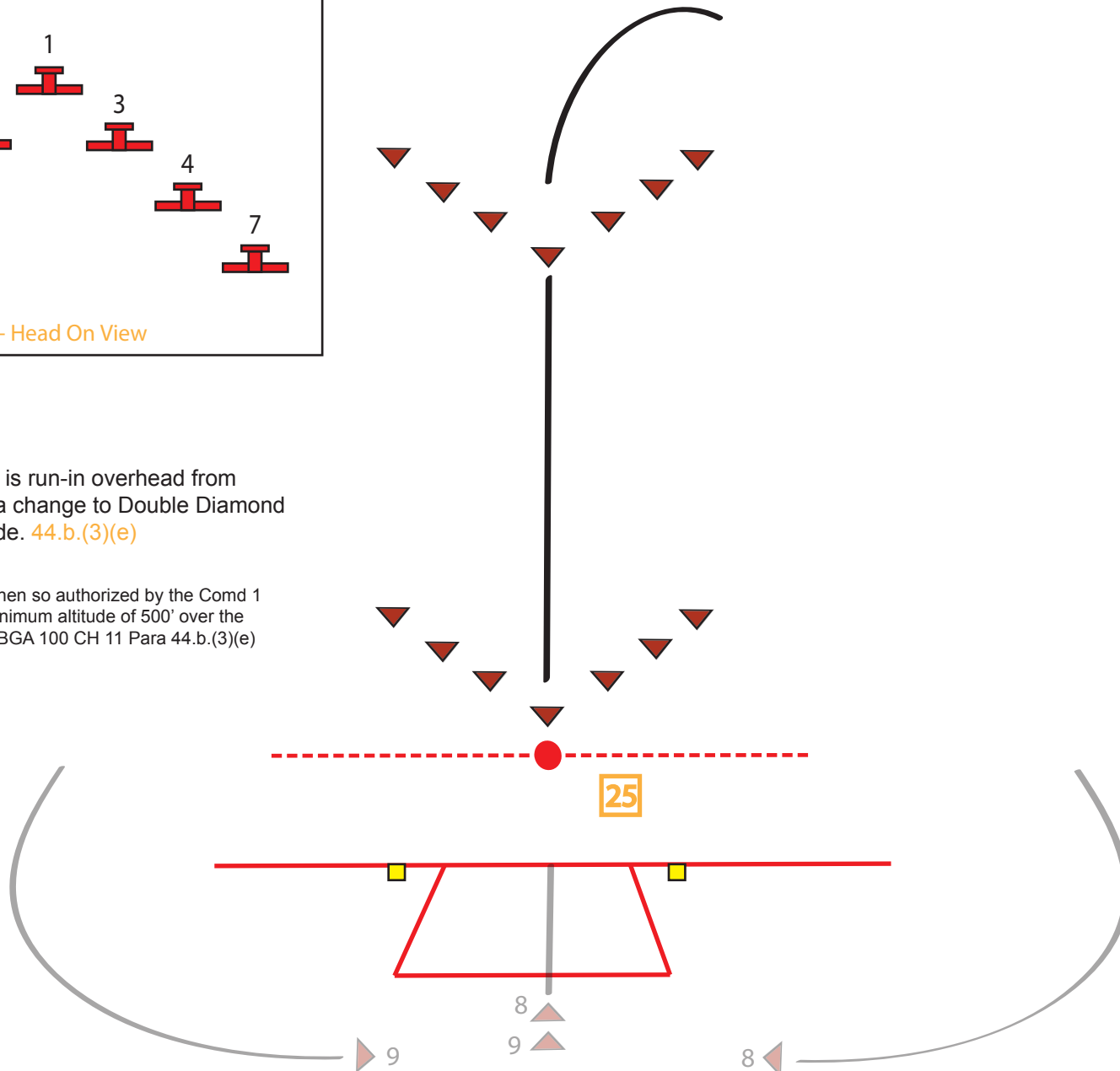
**24** Snowbird 8,9 pull up and exit via a Cobra Exit deadside.

# 7 Plane Kilt

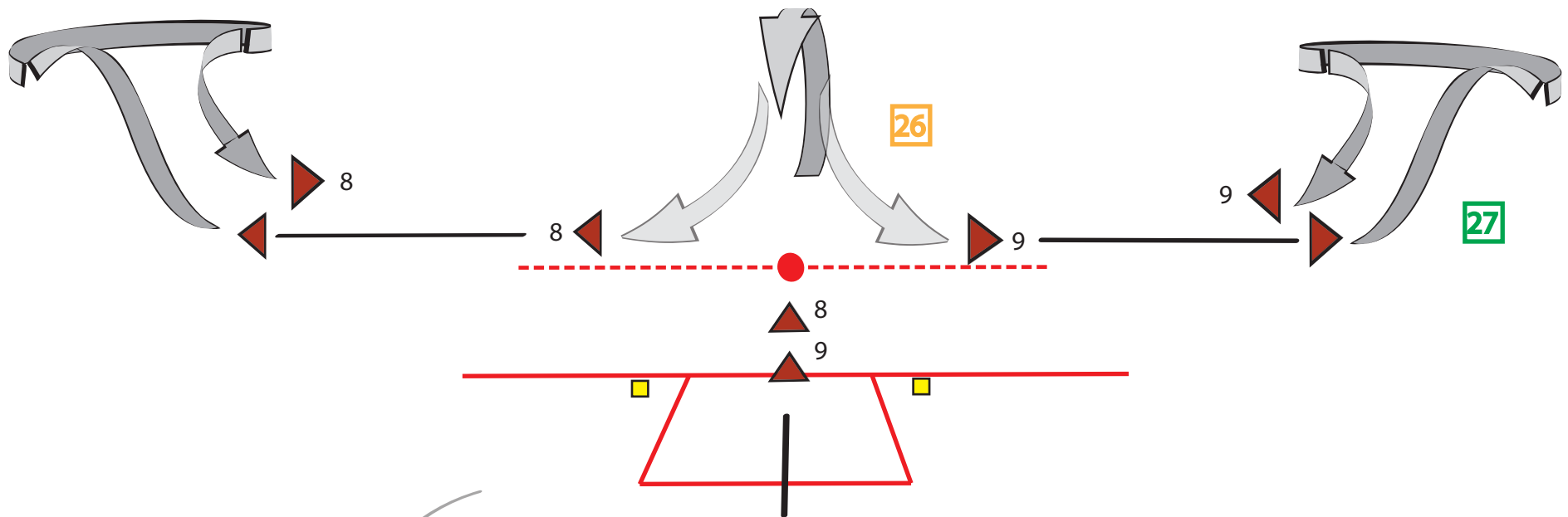


**25** The main formation is run-in overhead from liveside in Kilt with a change to Double Diamond after exiting deadside. 44.b.(3)(e)

**25** Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)



# Noose - 270/90 Reversal

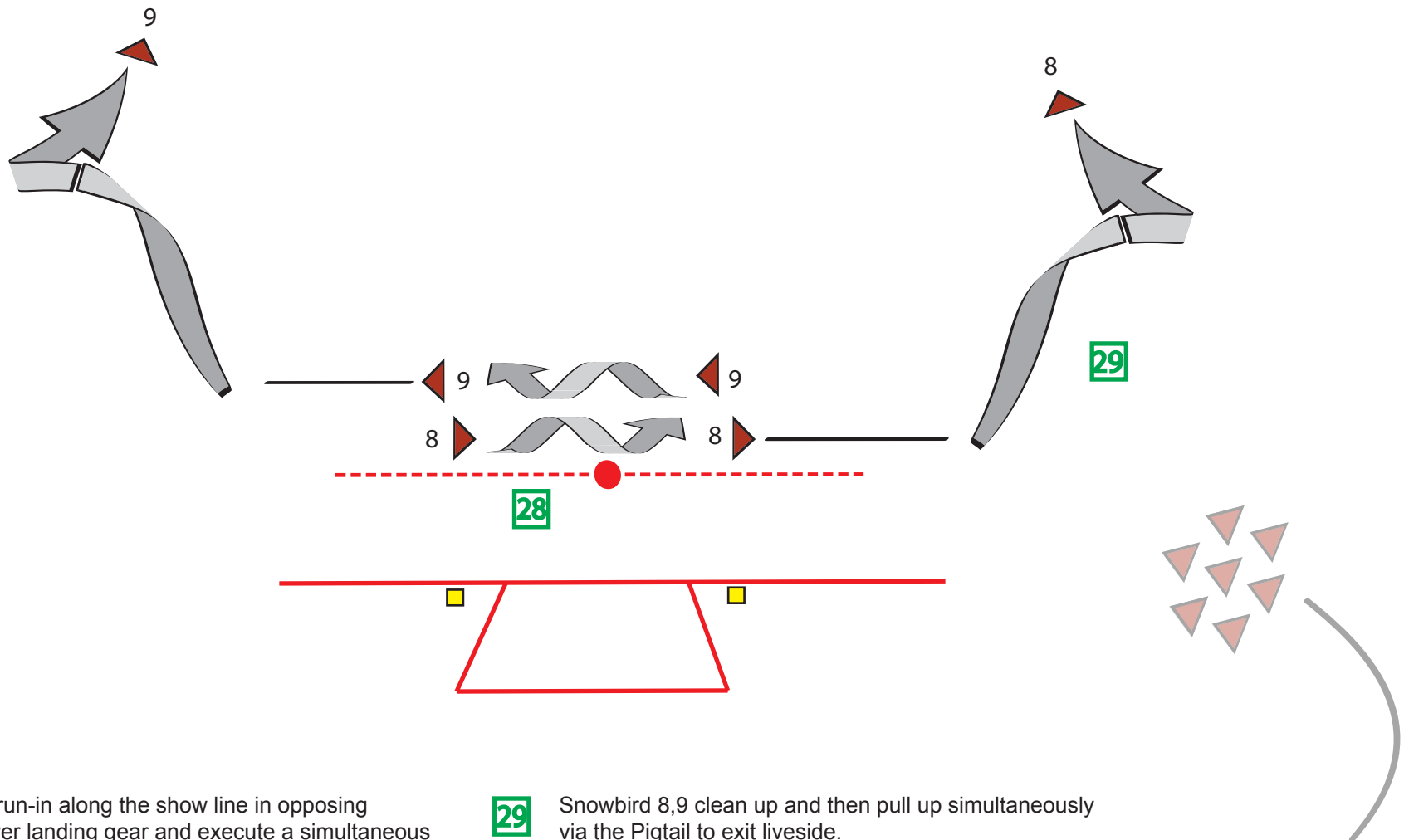


**26** Snowbird 8,9 enter from deadside overhead, pass under the Kilt and pull up into the Noose beyond the 1500' show line. 44.b.(3)(e)

**27** Snowbird 8,9 reposition via a 270/90 Reversal.

Permitted Manoeuvre when so authorized by the Comd 1  
Cdn Air Div to fly at a minimum altitude of 500' over the  
primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

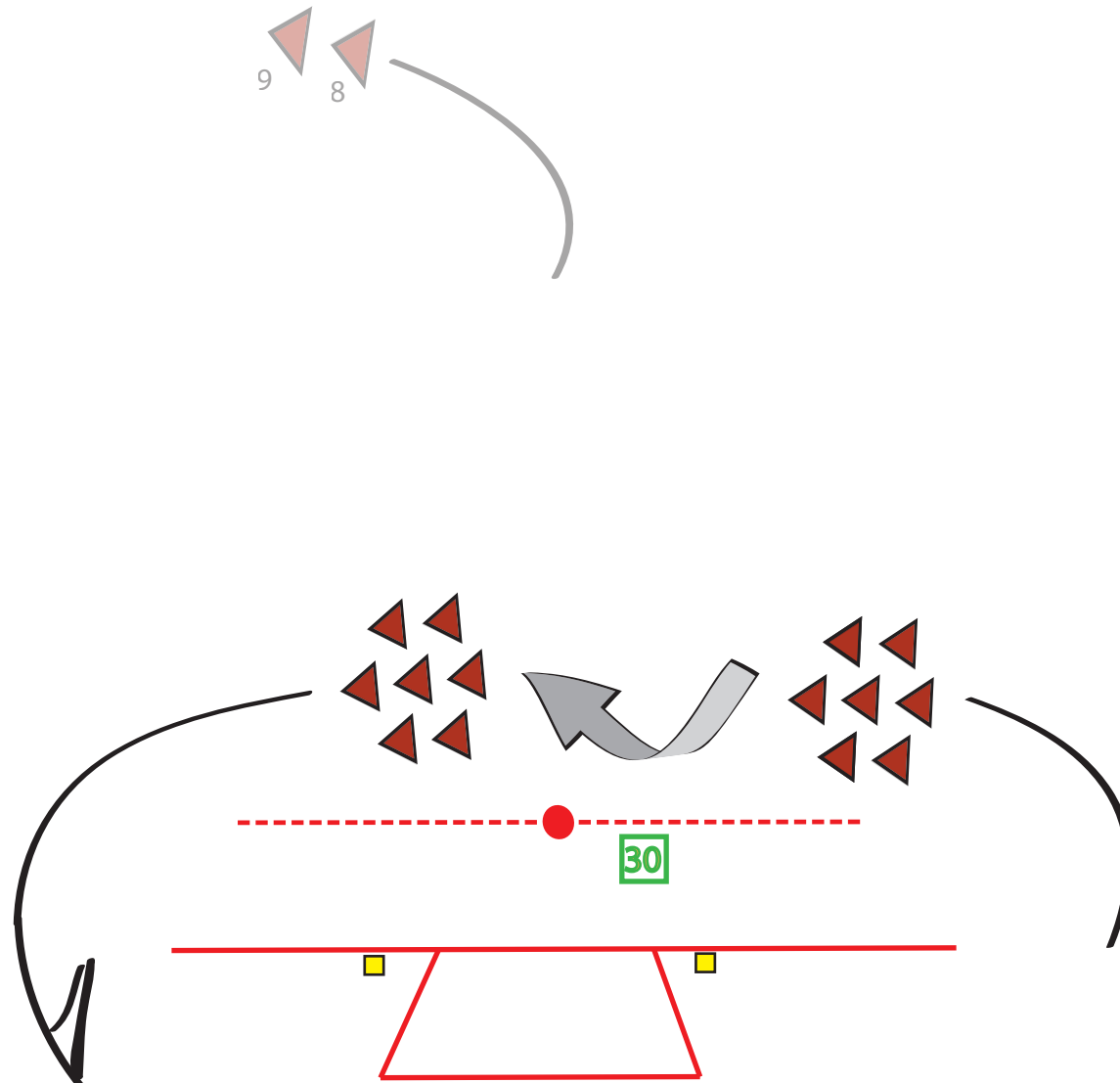
# Dirty Roll - Pigtail Exit



**28** Snowbird 8,9 run-in along the show line in opposing directions, lower landing gear and execute a simultaneous Dirty Roll at stage centre.

**29** Snowbird 8,9 clean up and then pull up simultaneously via the Pigtail to exit liveside.

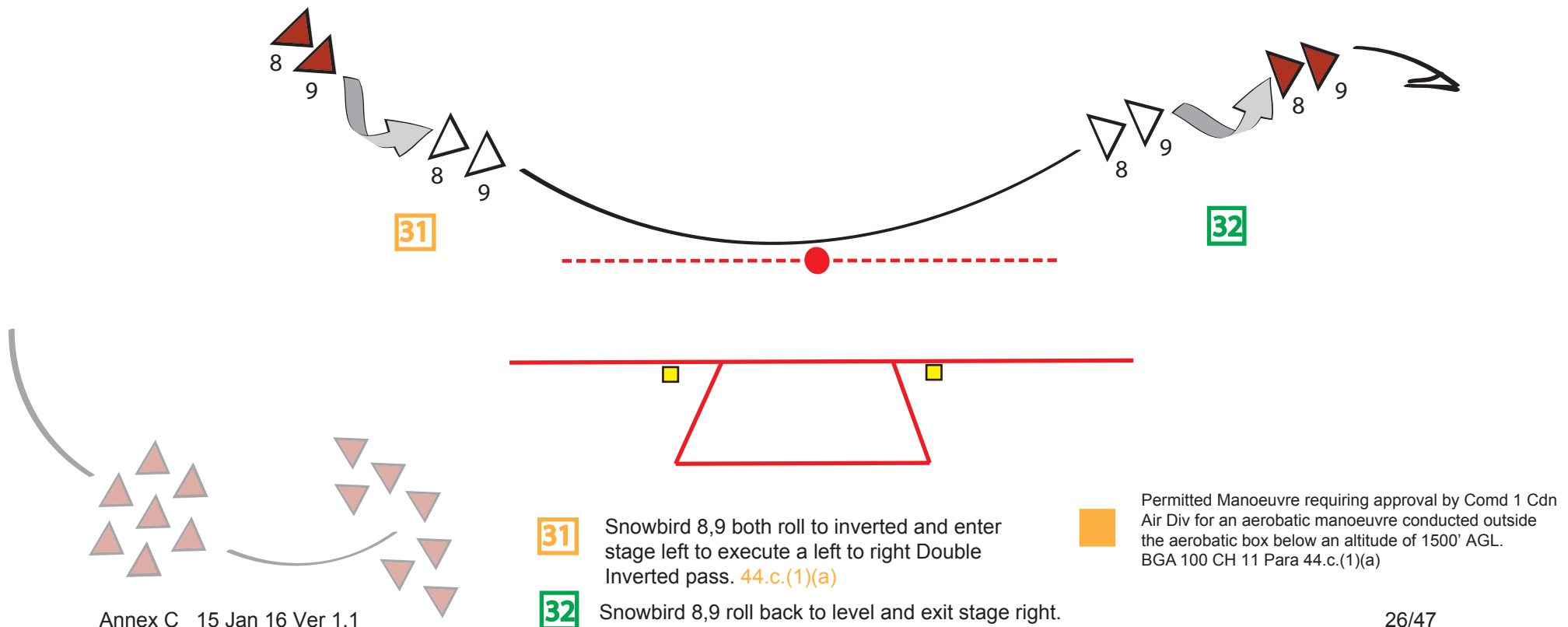
# Double Diamond Roll



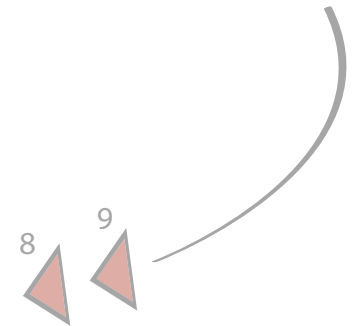
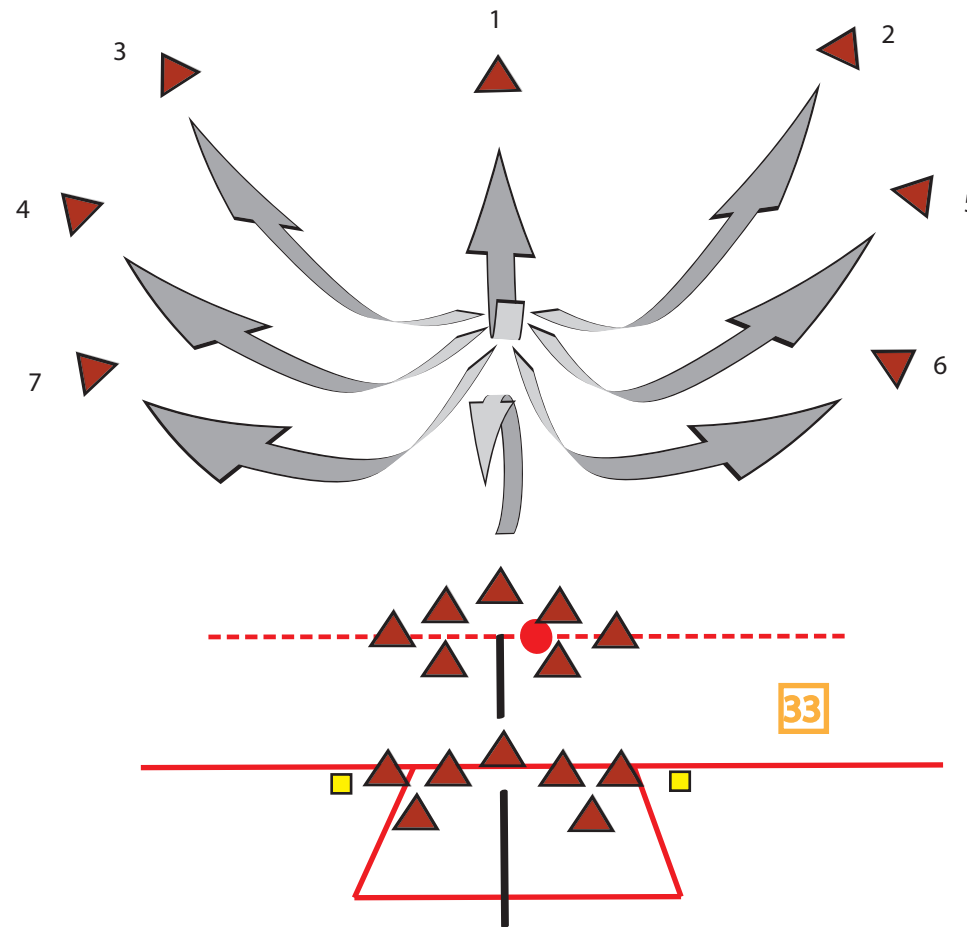
**30** The main formation enters from stage right and executes a climbing left roll towards the crowd in Double Diamond, exiting stage left.



# Double Inverted



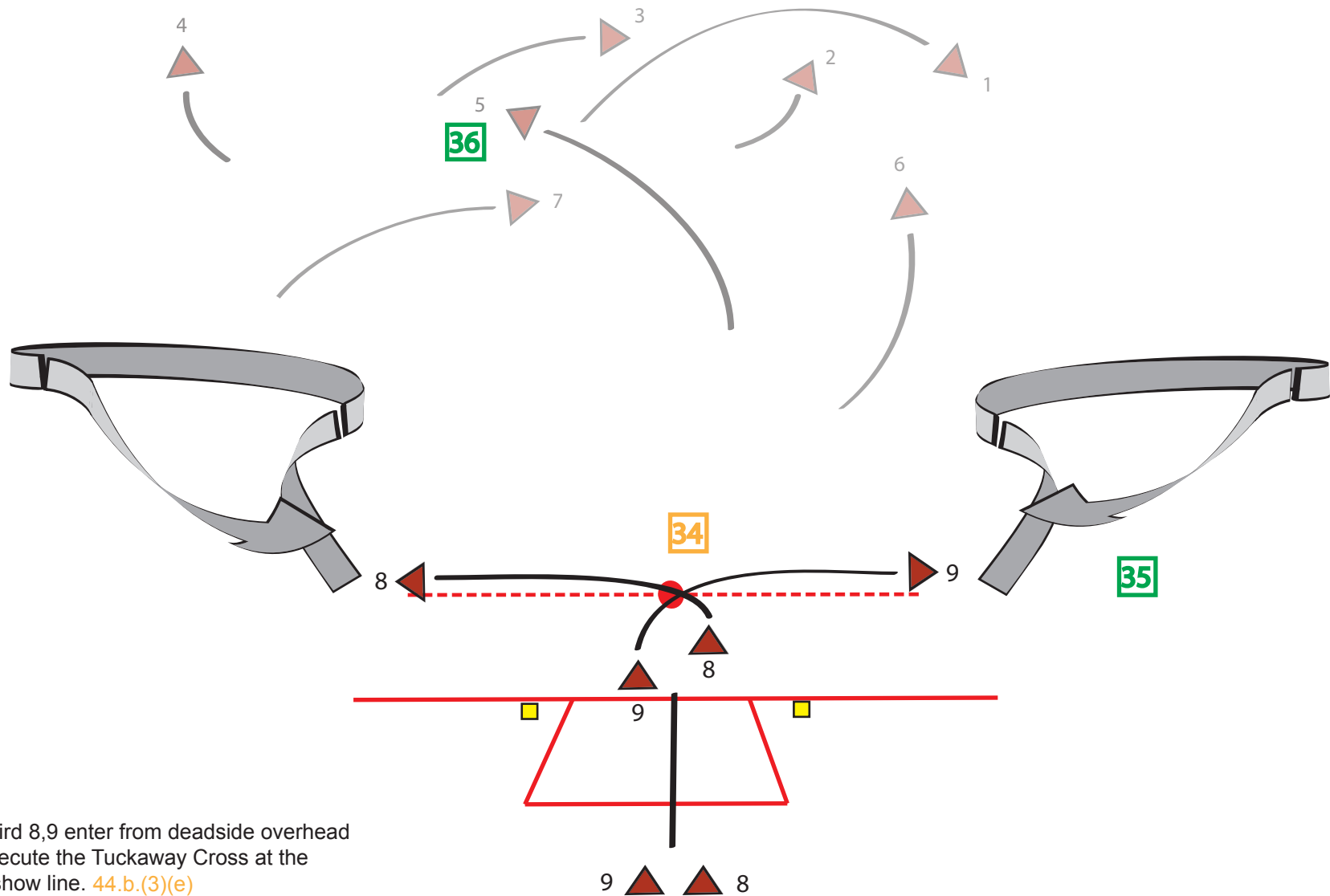
# Downward Burst



**33** The main formation enters from deadside overhead in Speedbird, pulls up into a loop and changes to Wedge, splitting into a downward bomb burst on the backside to achieve liveside downlines as depicted. 44.b.(3)(e)

**33** Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 1 Para 44.b.(3)(e)

# Tuckaway Cross - Pop & Tip Reversal



34

Snowbird 8,9 enter from deadside overhead and execute the Tuckaway Cross at the 1500' show line. 44.b.(3)(e)

35

Snowbird 8,9 reposition via the Pop & Tip Reversal.

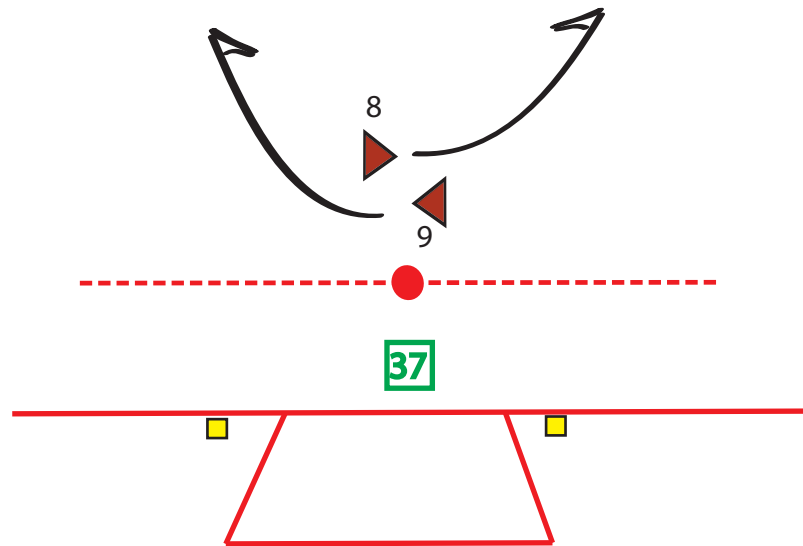
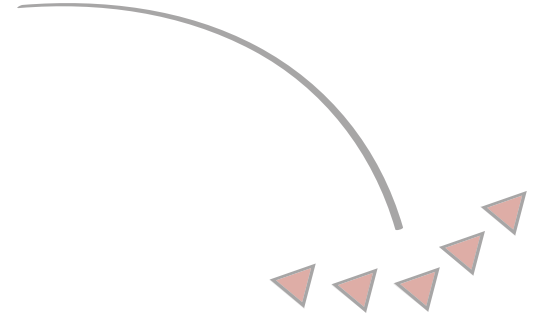
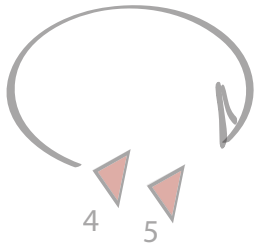
36

Snowbird 4,5 climb above Snowbird 1,2,3,6,7 and continue liveside stage left in preparation for a rejoin with the solos.



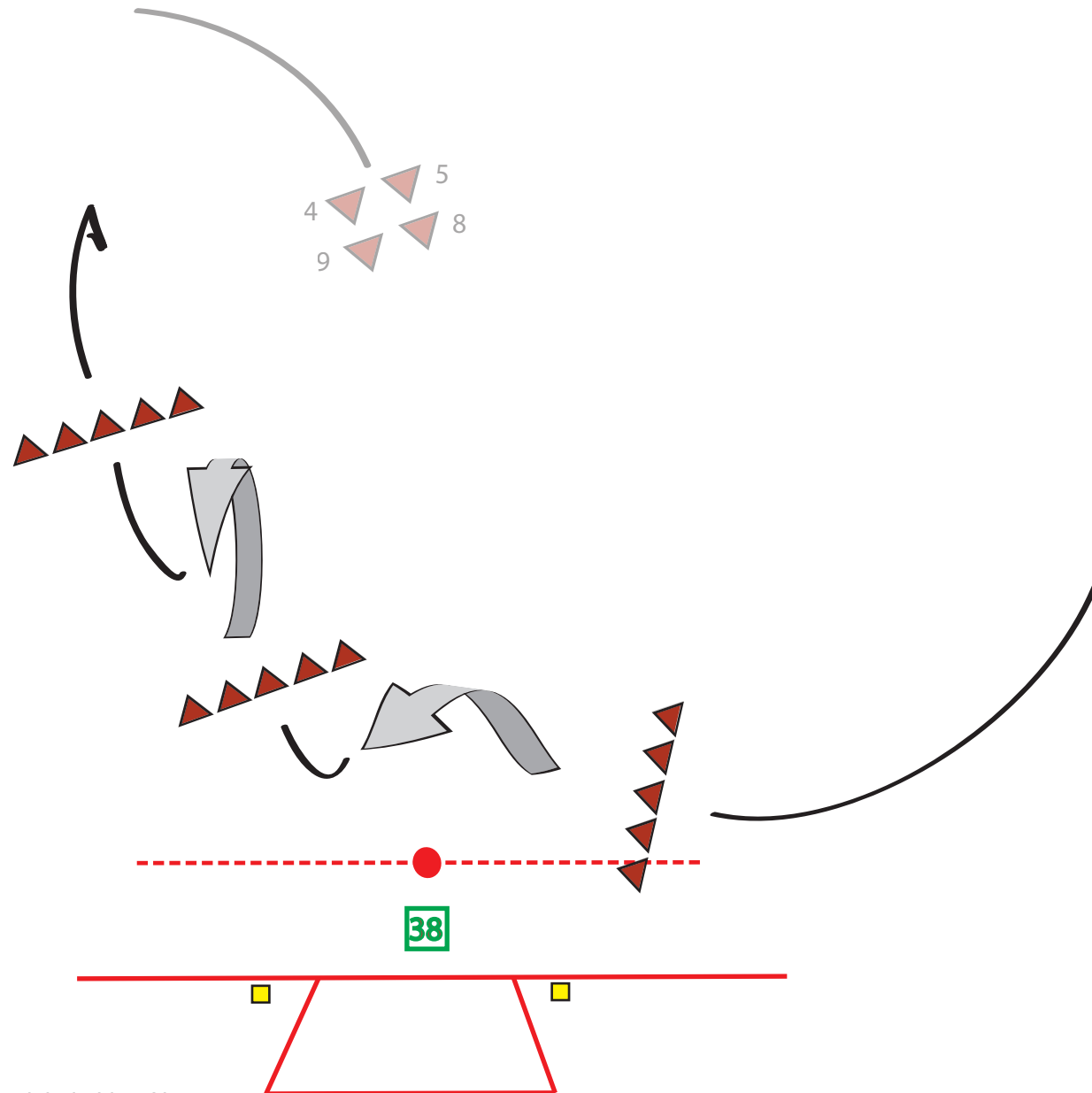
Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Canopy Cross Exit



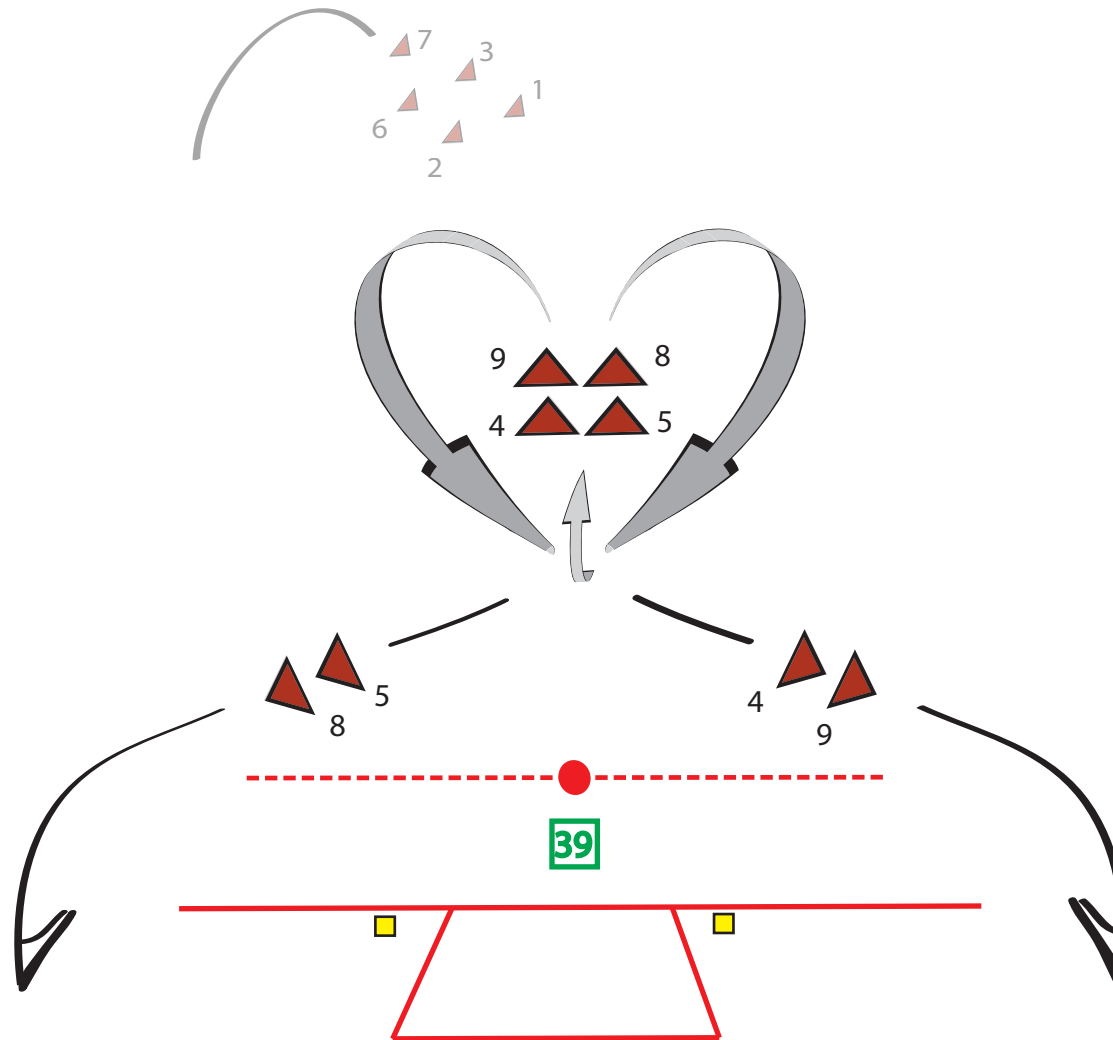
**37** Snowbird 8,9 run-in along the show line in opposing directions and turn simultaneously towards liveside to effect a Bottomside Canopy Cross exit no closer than the 1500' show line.

# LA Combo



**38** Snowbird 1,2,3,6,7 enter from stage right in Line Abreast and execute a climbing roll towards the crowd followed immediately by a loop to exit liveside stage left.

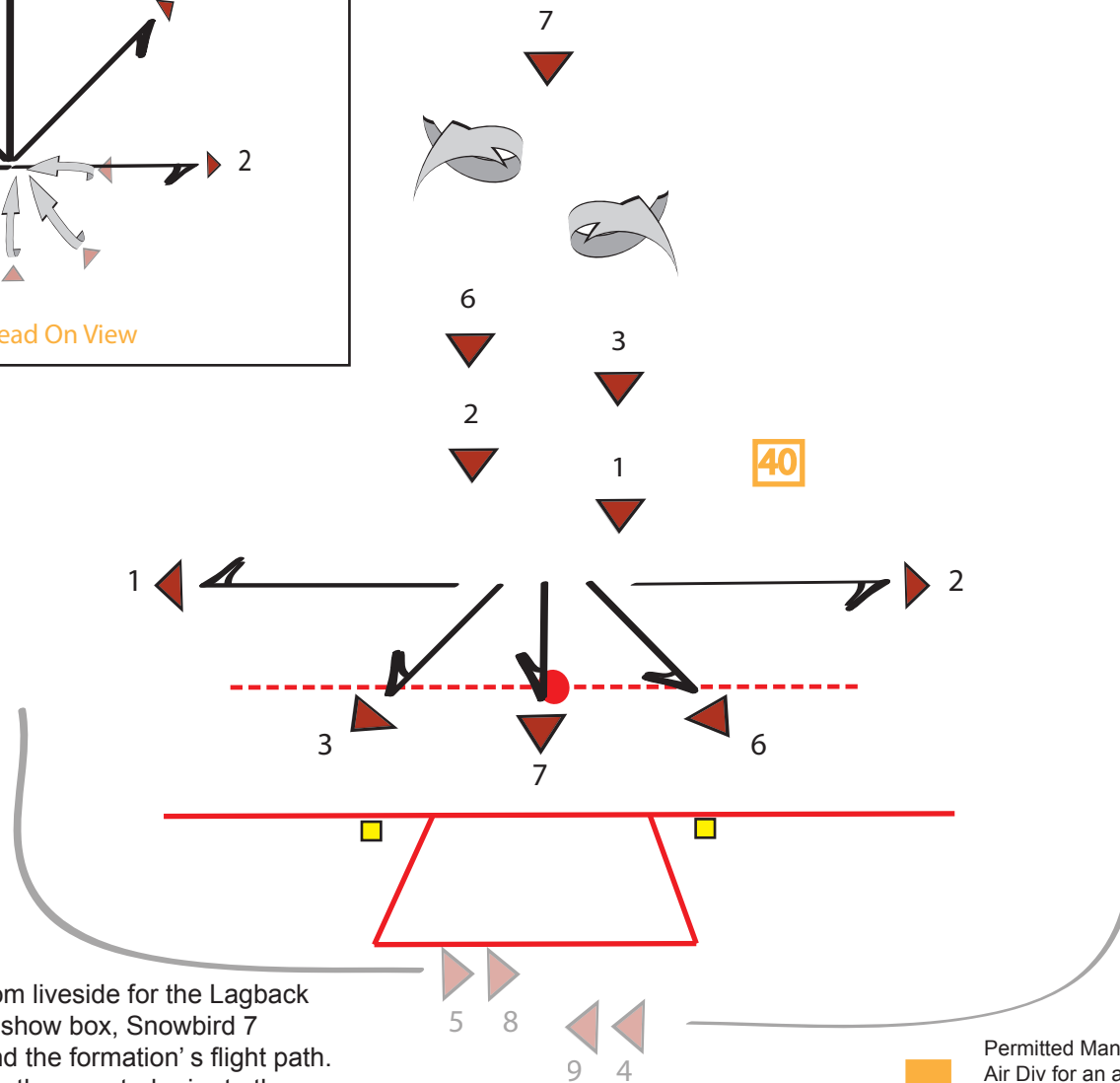
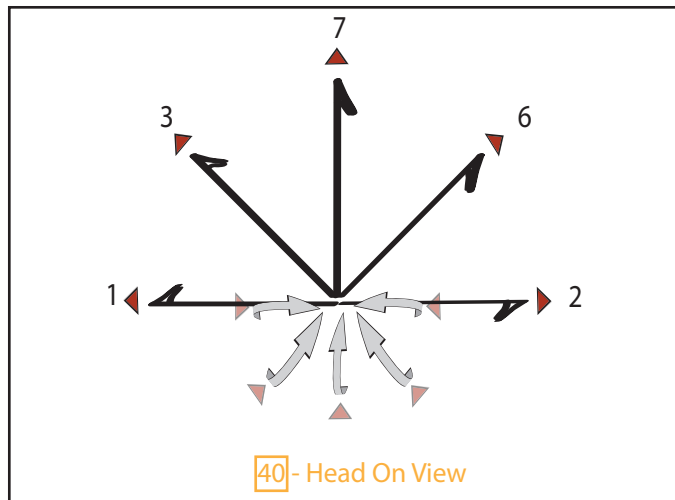
# Heart



39

Snowbird 4,5,8,9 pull up into the Heart and apex no higher than 4500' AGL followed by an exit deadside outside the left/right crowd markers.

# Lagback Cross



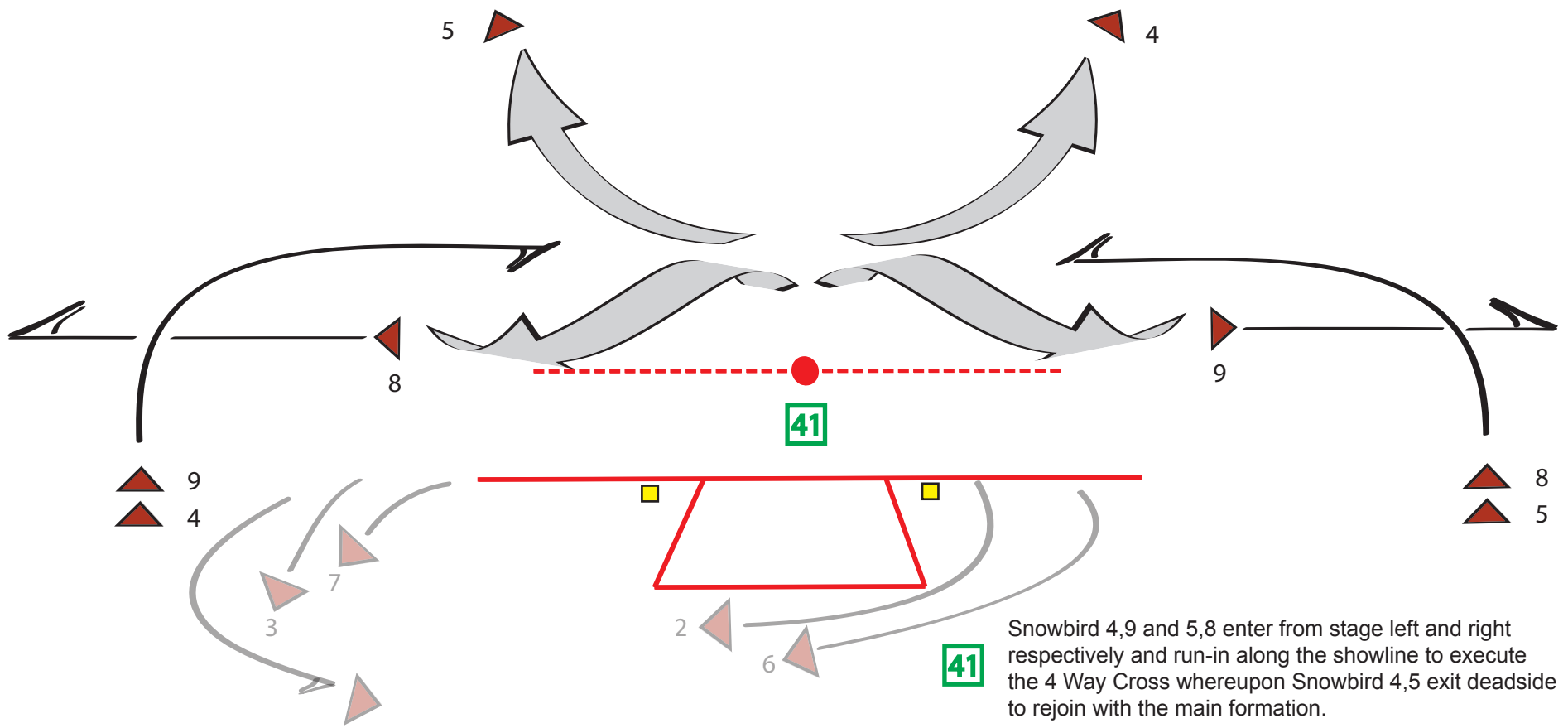
40

Snowbird 1,2,3,6,7 run-in from liveside for the Lagback Cross. Prior to entering the show box, Snowbird 7 executes 2 barrel rolls around the formation's flight path. An inward burst is subsequently executed prior to the 1500' show line as depicted. 44.c.(1)(a)



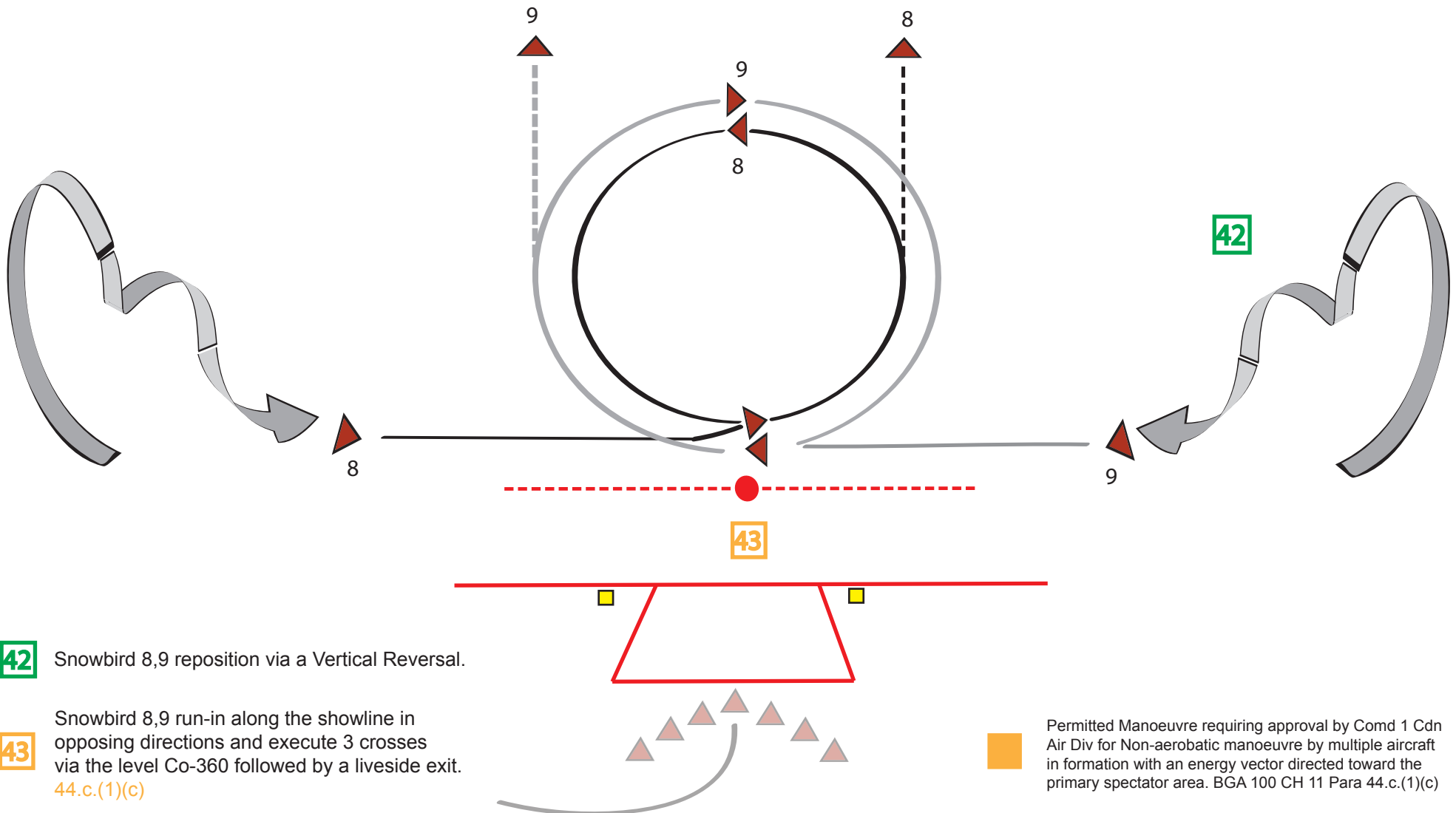
Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for an aerobatic manoeuvre conducted outside the aerobatic box below an altitude of 1500' AGL. BGA 100 CH 11 Para 44.c.(1)(a)

# 4 Way Cross

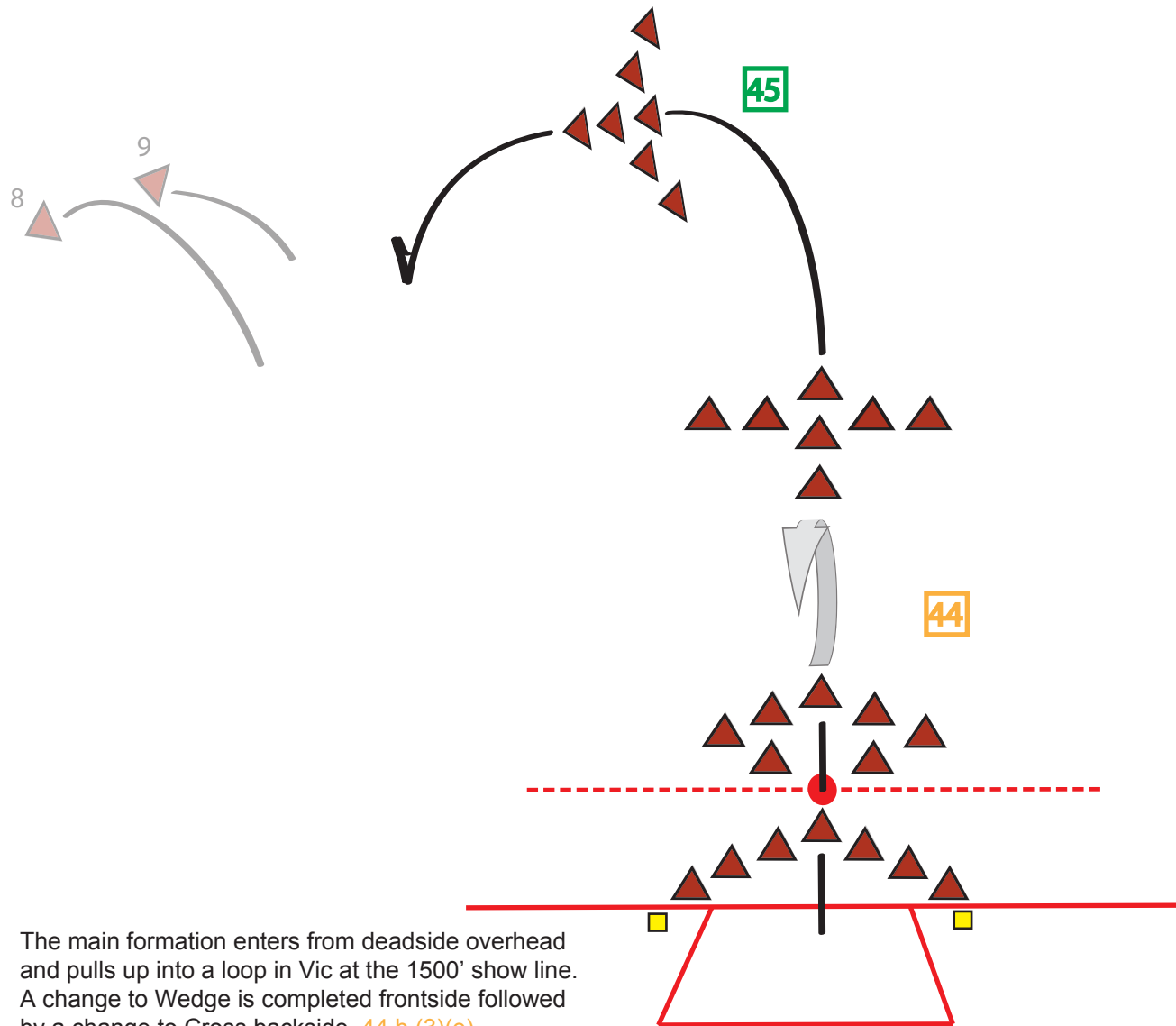




# Pretzel Reversal - Co-360



# Vic Change Wedge Change Cross Loop



44

The main formation enters from deadside overhead and pulls up into a loop in Vic at the 1500' show line. A change to Wedge is completed frontside followed by a change to Cross backside. 44.b.(3)(e)

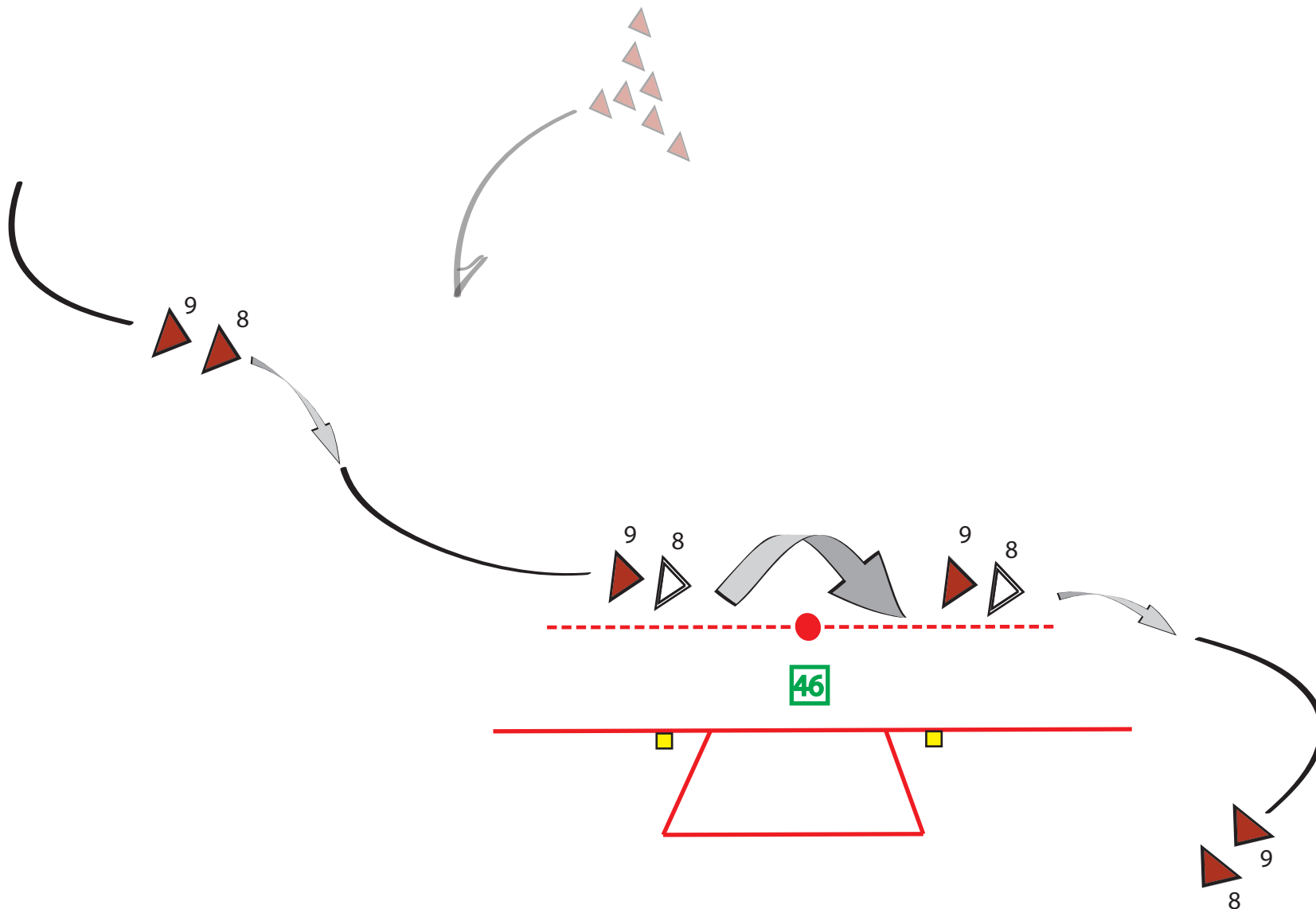
45

The main formation repositions via a climbing left turn and changes to Mini Concorde.



Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

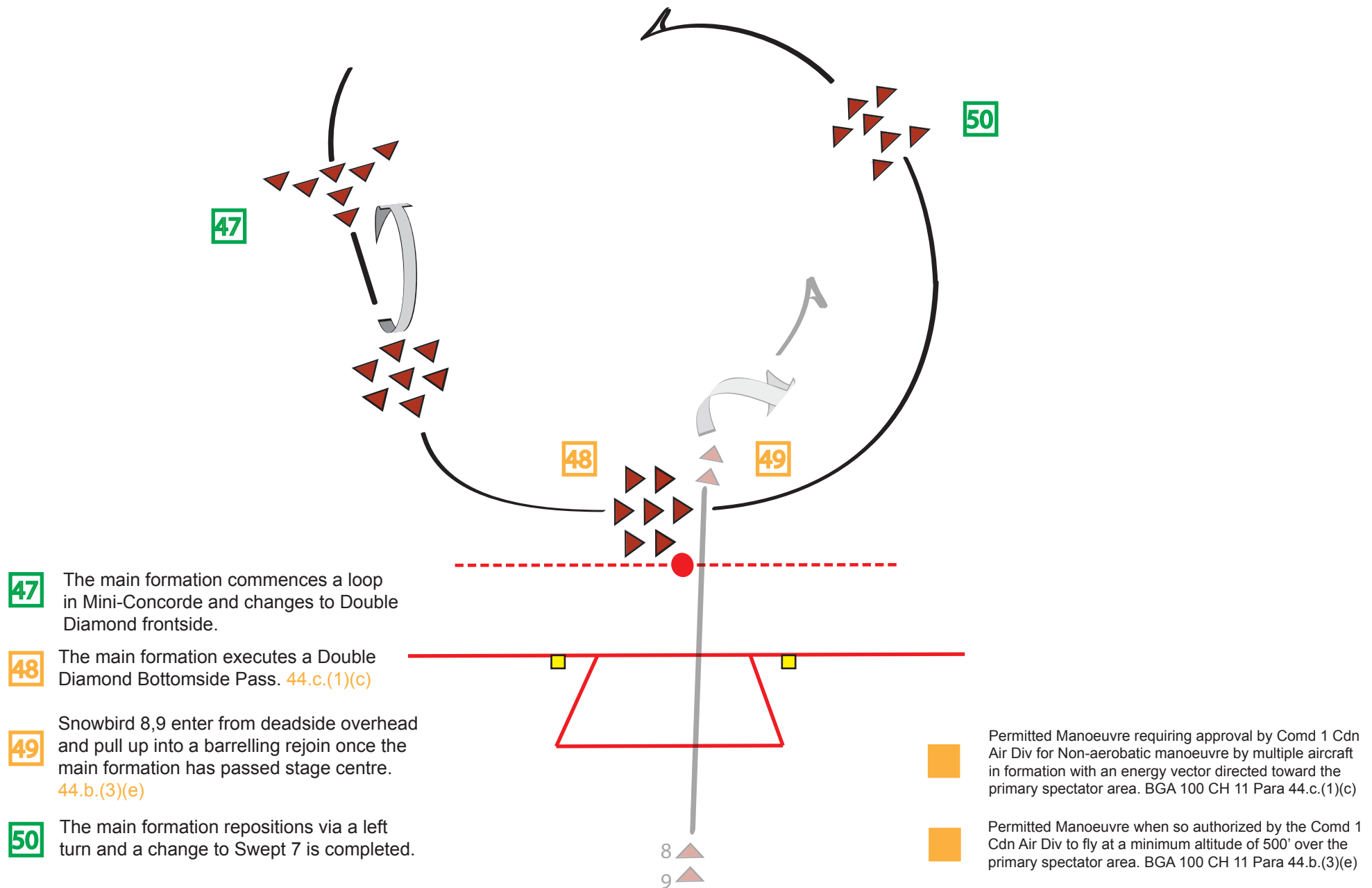
# Mirror Roll



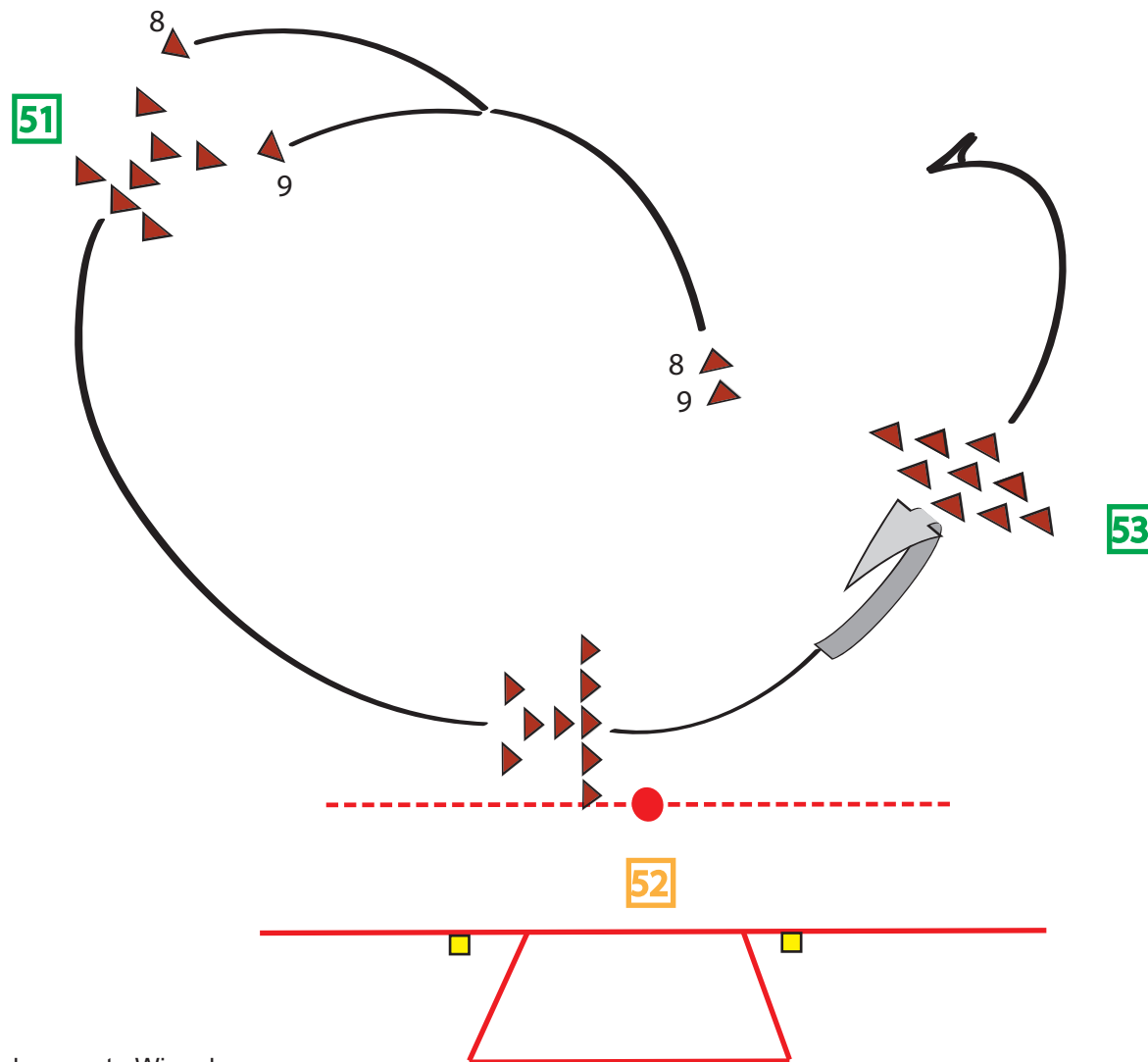
46

Snowbird 8 rolls inverted stage left whereupon Snowbird 8,9 execute a climbing roll away from the crowd at stage centre. Snowbird 8 rolls upright to exit stage right deadside with Snowbird 9.

# Mini-Concorde Change Double Diamond Loop and Bottomside



# Solos Rejoin, Wineglass Bottomside Change Big Diamond Loop



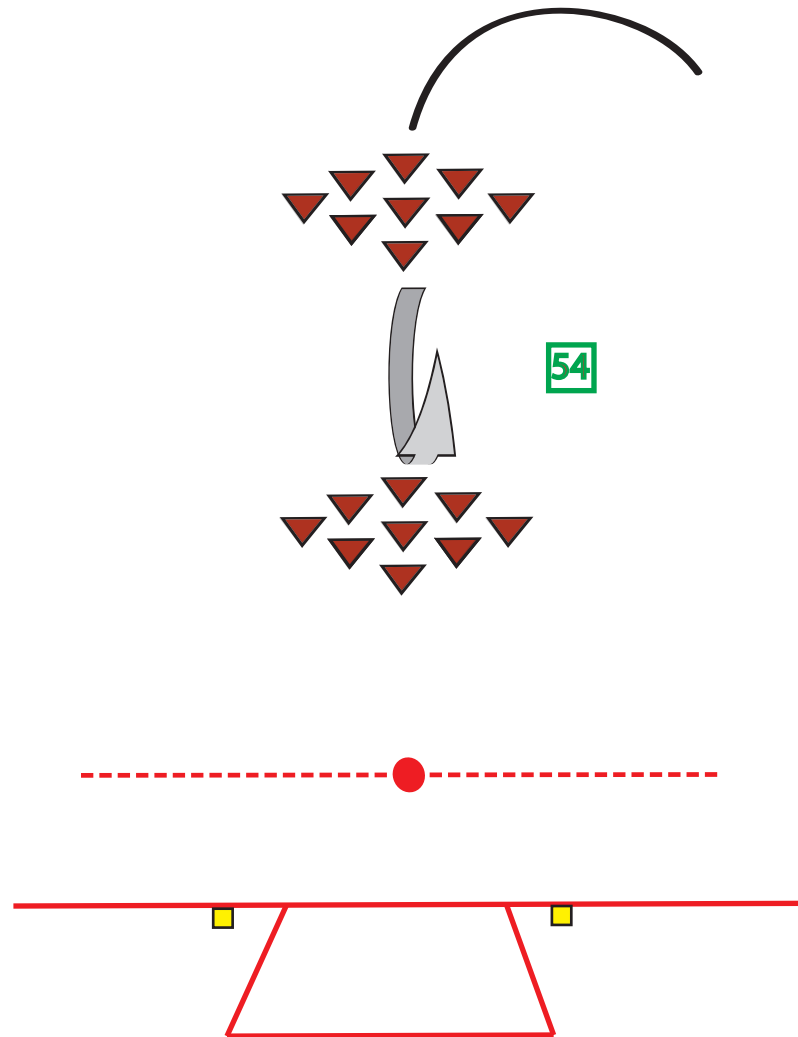
**51** The main formation changes to Wineglass and Snowbird 8,9 rejoin the main formation.

**52** The formation executes a left to right Wineglass Bottomside Pass. 44.c.(1)(c)

**53** The formation continues stage right and starts a Wineglass Loop, changing to Big Diamond frontside and then repositions via a left turn.

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for Non-aerobatic manoeuvre by multiple aircraft in formation with an energy vector directed toward the primary spectator area. BGA 100 CH 11 Para 44.c.(1)(c)

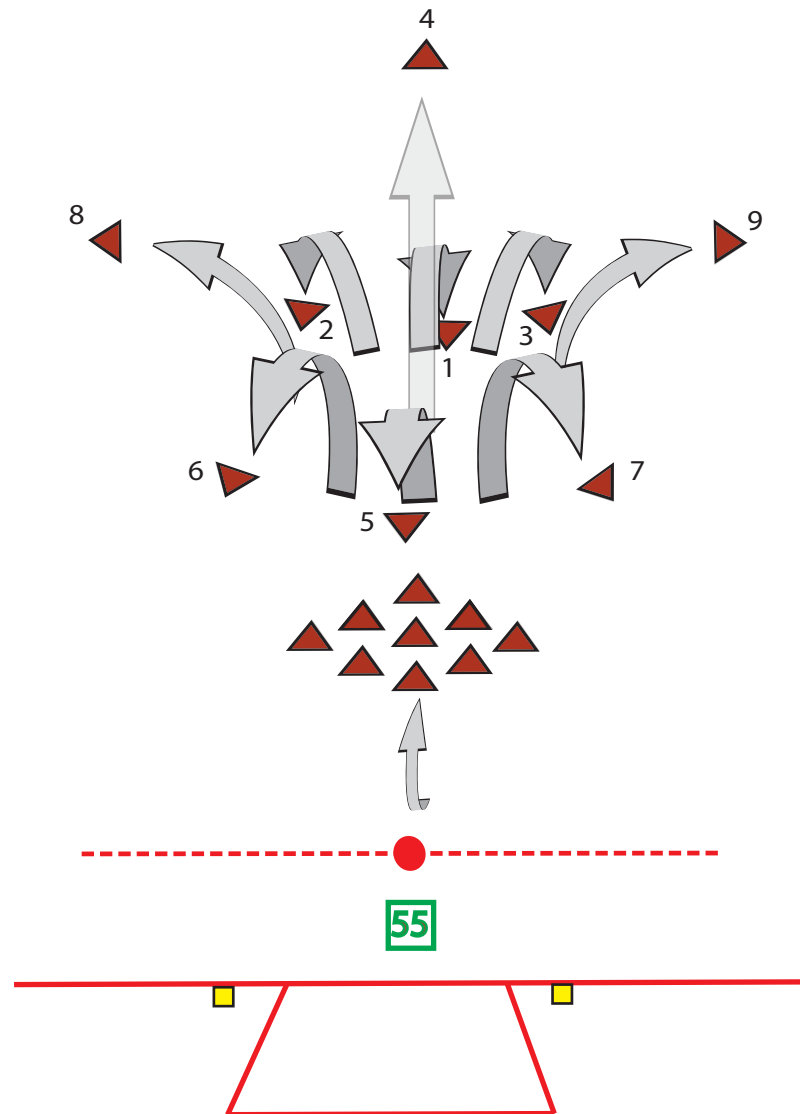
# Big Diamond Loop



54

The formation executes a liveside Big Diamond loop along the run-in axis for and prior to the Canada Burst.

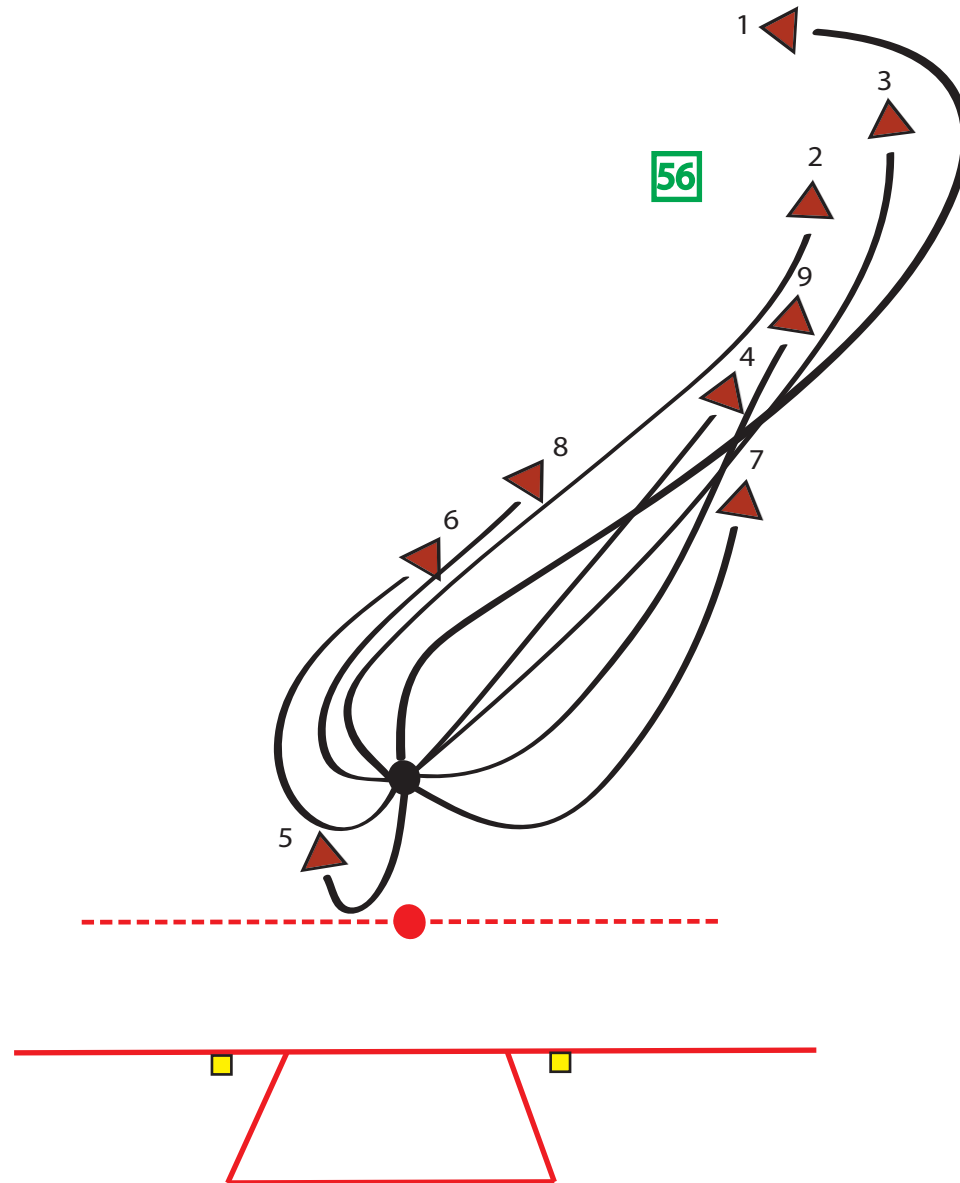
# Canada Burst



55

The formation is pulled up into a loop in Big Diamond with a split called on the frontside approaching the vertical resulting in the Canada Burst.

# Canada Burst Rejoin

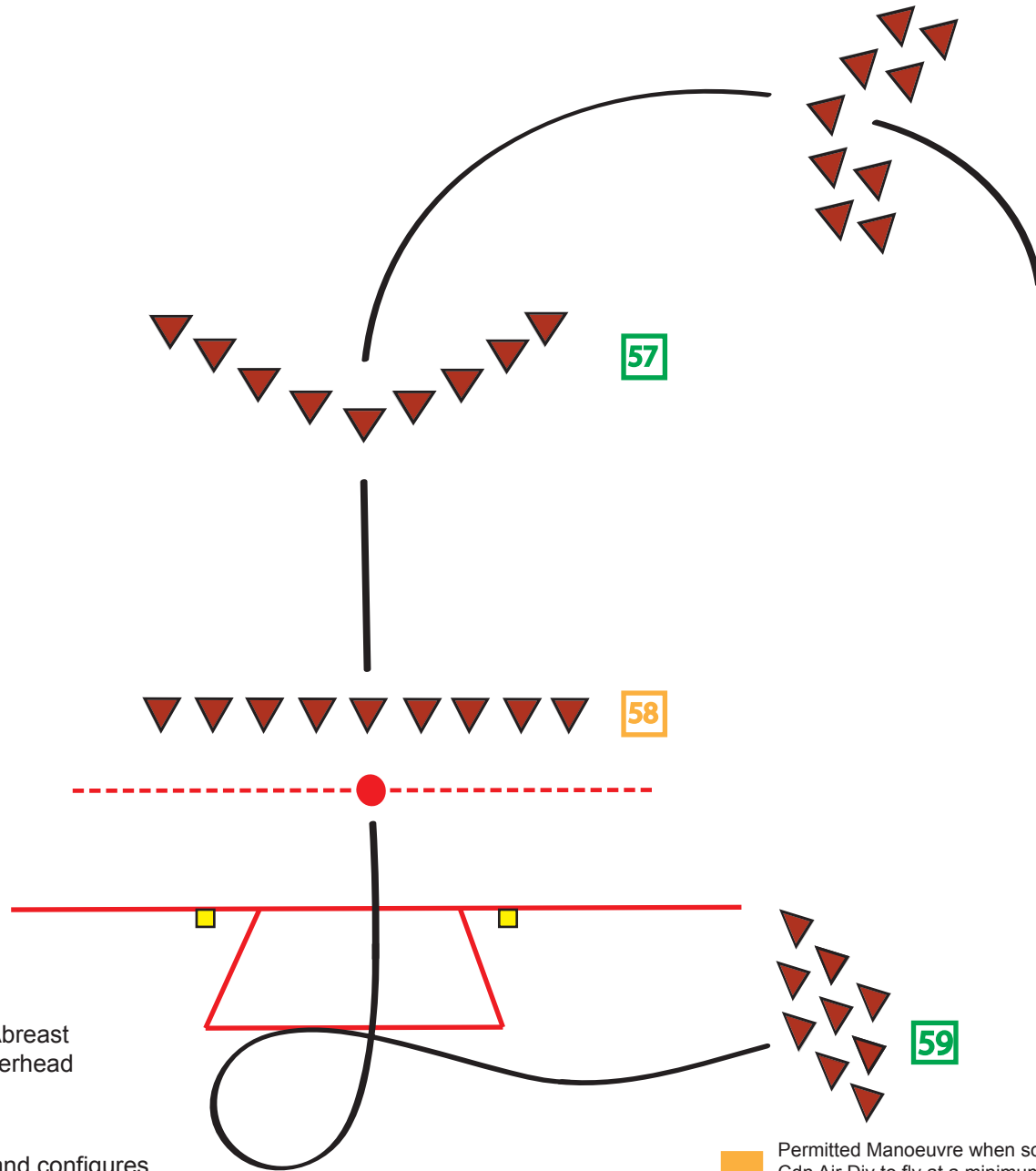


56

Following the Canada Burst, the formation rejoins to Palm liveside stage right.



# 9 Plane Line Abreast



57

The formation repositions via a left turn and a change to Big Vic is called.

58

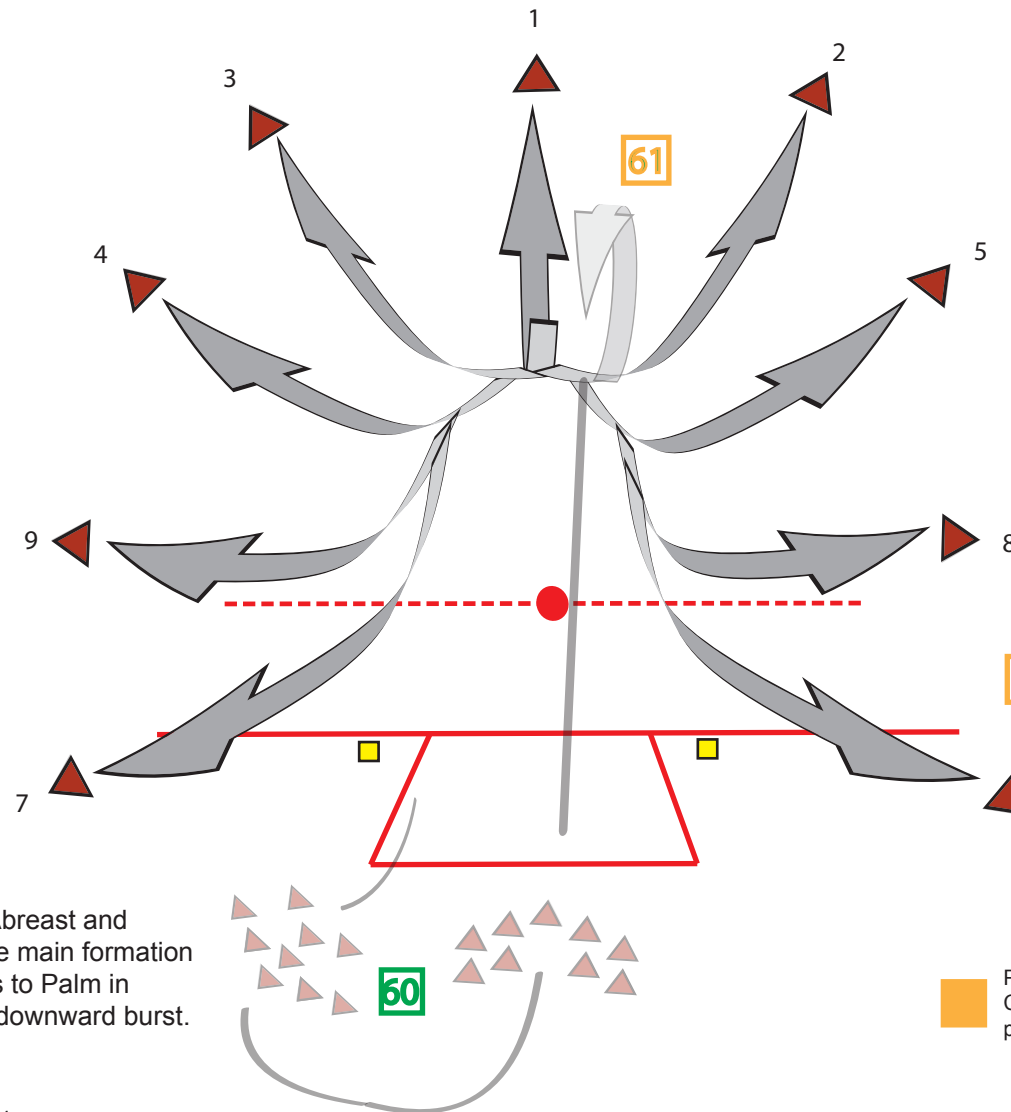
The formation is called to 9 Plane Line Abreast prior to the 1500' showline and run-in overhead the crowd to exit deadside. 44.b.(3)(e)

59

The formation is called to Big Diamond and configures for landing via a left or right 270 degree turn.

Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Encore Option 1 - Palm Downward Burst

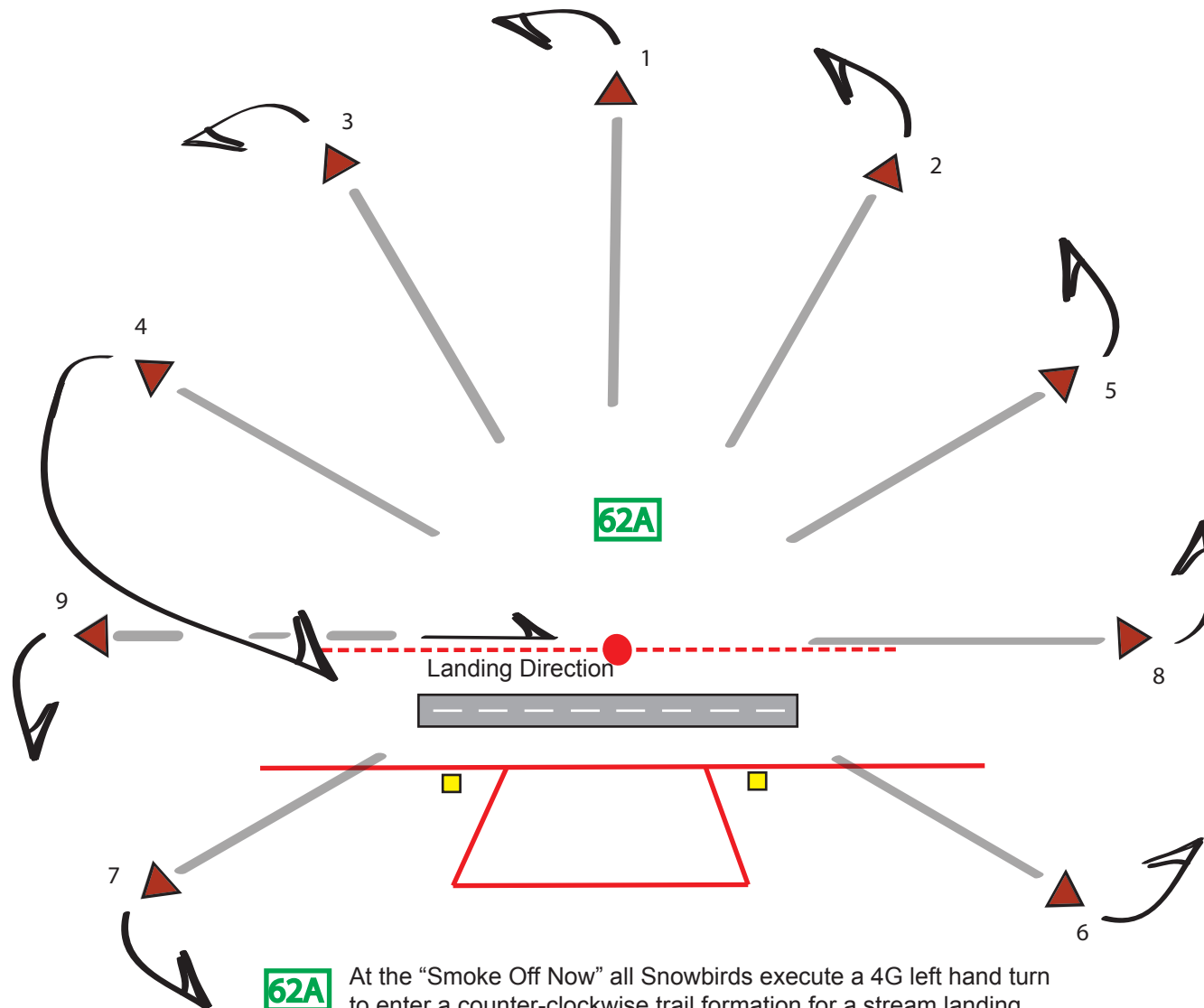


**60** Alternatively, post 9 Plane Line Abreast and show site/time/fuel permitting, the main formation continues deadside and changes to Palm in preparation for a Palm loop to a downward burst.

**61** The main formation approaches from deadside and passes overhead the crowd at 500', commences a Palm loop once past show centre and is split backside achieve downlines as depicted. Snowbird 6,7 downlines continue deadside outside crowd right/left markers. 44.b.(3)(e)

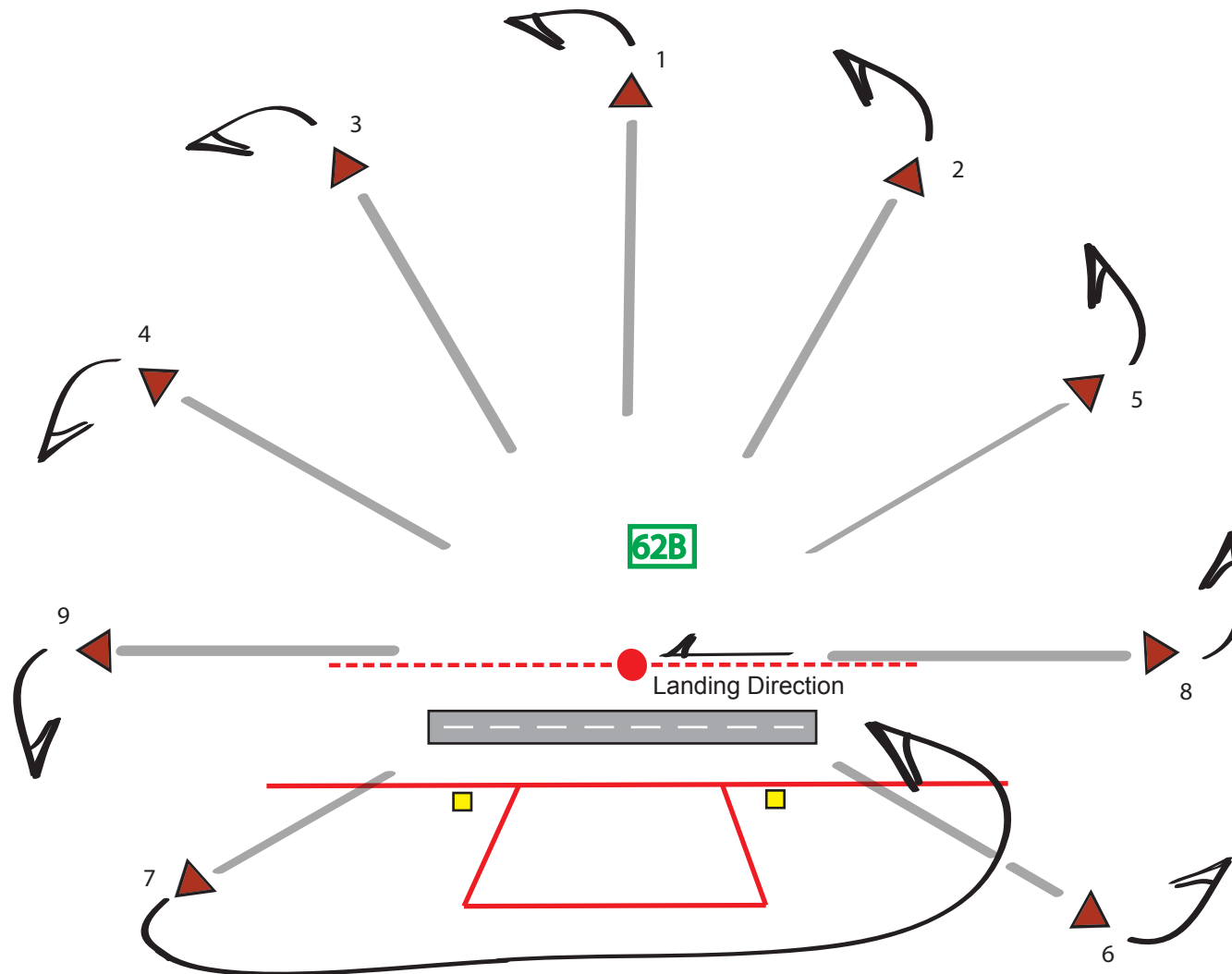
**61** Permitted Manoeuvre when so authorized by the Comd 1 Cdn Air Div to fly at a minimum altitude of 500' over the primary spectator area. BGA 100 CH 11 Para 44.b.(3)(e)

# Shortways to Stream Landing



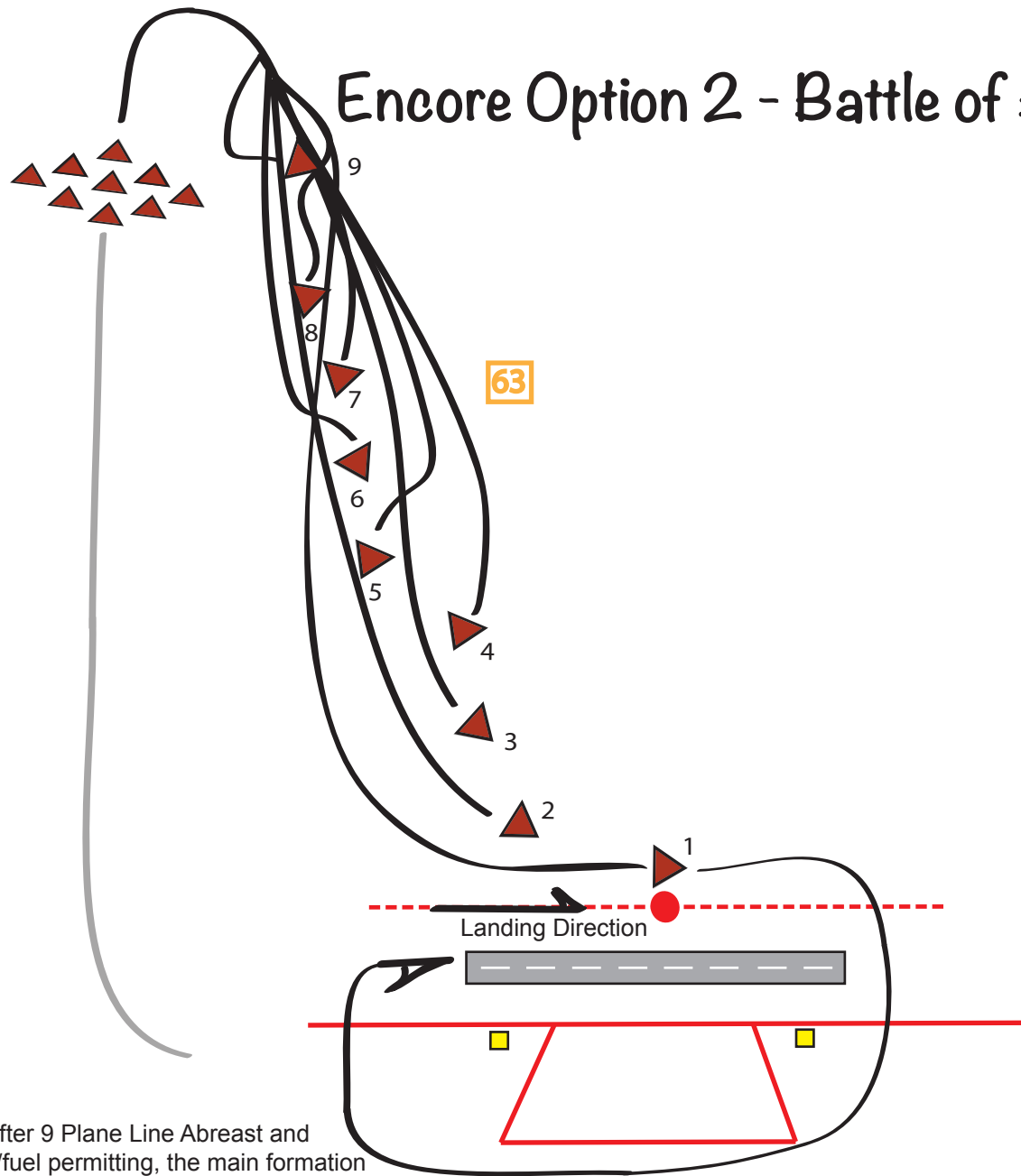
**62A** At the “Smoke Off Now” all Snowbirds execute a 4G left hand turn to enter a counter-clockwise trail formation for a stream landing. For a “Shortways” recovery, the landing direction is from stage left to right and landing order is 4,3,1,2,5,8,6,7,9.

# Longways to Stream Landing



**62B** At the “Smoke Off Now” all Snowbirds execute a 4G left hand turn to enter a counter-clockwise trail formation for a stream landing. For a “Longways” recovery, the landing direction is from stage right to left and landing order is 7,9,4,3,1,2,5,8,6.

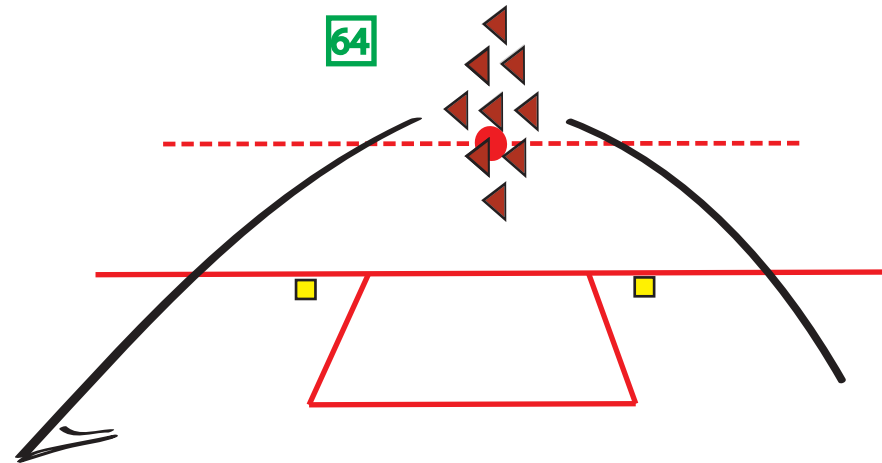
## Encore Option 2 - Battle of Britain



**63** Alternatively, after 9 Plane Line Abreast and show site/time/fuel permitting, the main formation continues around to liveside on the same side as the intended direction of landing, spreads to a 300-2000' trail formation of 1 through 9, and performs a Battle-of-Britain mock dogfight with all aircraft remaining in a fluid manoeuvring trail formation (above ground tracks are only a general depiction of flow) and setting up for a subsequent stream landing. 44.c.(1)(a)

Permitted Manoeuvre requiring approval by Comd 1 Cdn Air Div for an aerobatic manoeuvre conducted outside the aerobatic box below an altitude of 1500' AGL. BGA 100 CH 11 Para 44.c.(1)(a)

# Encore Option 3 - Big Diamond Topside Pass



64

Alternatively as an encore option, the formation can perform a Big Diamond Topside pass from either direction (stage right to left depicted here), outside the stage left/right markers and no closer than the 500' show line.